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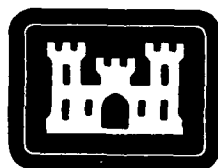
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WATERBORNE COMMERCE OF THE UNITED STATES

Calendar Year 1986

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PART 1
WATERWAYS AND HARBORS
ATLANTIC COAST



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89 1 13 121

REPORT DOCUMENTATION PAGE				Form Approved OMB No. 0704-0188	
1a. REPORT SECURITY CLASSIFICATION			1b. RESTRICTIVE MARKINGS		
2a. SECURITY CLASSIFICATION AUTHORITY			3. DISTRIBUTION/AVAILABILITY OF REPORT		
2b. DECLASSIFICATION/DOWNGRADING SCHEDULE			Approved for public release; distribution unlimited		
4. PERFORMING ORGANIZATION REPORT NUMBER(S)			5. MONITORING ORGANIZATION REPORT NUMBER(S)		
6a. NAME OF PERFORMING ORGANIZATION Waterborne Commerce Statistics Center		6b. OFFICE SYMBOL (if applicable) CEWRC-NDC-CC	7a. NAME OF MONITORING ORGANIZATION Water Resources Support Center Navigation Division CEWRC-C		
6c. ADDRESS (City, State, and ZIP Code) P. O. Box 61280 New Orleans, LA 70161			7b. ADDRESS (City, State, and ZIP Code) Casey Bldg. Fort Belvoir, VA 22060		
8a. NAME OF FUNDING/SPONSORING ORGANIZATION Office, Chief of Engineers, U. S. Army		8b. OFFICE SYMBOL (if applicable) CECW	9. PROCUREMENT INSTRUMENT IDENTIFICATION NUMBER		
8c. ADDRESS (City, State, and ZIP Code) Casimir Pulaski Building 20 Mass. Ave., NW Washington, DC 20314			10. SOURCE OF FUNDING NUMBERS		
			PROGRAM ELEMENT NO.	PROJECT NO.	TASK NO.
			WORK UNIT ACCESSION NO.		
11. TITLE (Include Security Classification) Waterborne Commerce of the United States Calendar Year 1986 Part 1 - Waterways and Harbors, Atlantic Coast					
12. PERSONAL AUTHOR(S) Department of the Army, Corps of Engineers					
13a. TYPE OF REPORT Annual		13b. TIME COVERED FROM 1/1/86 TO 12/31/86		14. DATE OF REPORT (Year, Month, Day) 88 May 31	
15. PAGE COUNT 200					
16. SUPPLEMENTARY NOTATION National Technical Information Service (NTIS) 5285 Port Royal Road Available from: Springfield, VA 22161					
17. COSATI CODES			18. SUBJECT TERMS (Continue on reverse if necessary and identify by block number)		
FIELD	GROUP	SUB-GROUP			
			Waterborne Commerce -- Statistics		
19. ABSTRACT (Continue on reverse if necessary and identify by block number)					
<p>Waterborne Commerce of the United States (WCUS), Part 1, calendar year 1986 is one of a series of five publications containing statistics on the commercial movement of foreign and domestic cargo. WCUS, Part 1, presents detailed data by commodity and traffic for the waterways and harbors on the Atlantic Coast. The statistics included commodities given in short tons (2000 lbs.) and vessel trips for the harbors and waterways.</p> <p><i>Key: 1. Statistical data, table data. (KR)</i></p> <p style="text-align: right;">1</p>					
20. DISTRIBUTION/AVAILABILITY OF ABSTRACT <input checked="" type="checkbox"/> UNCLASSIFIED/UNLIMITED <input type="checkbox"/> SAME AS RPT. <input type="checkbox"/> DTIC USERS			21. ABSTRACT SECURITY CLASSIFICATION Unclassified		
22a. NAME OF RESPONSIBLE INDIVIDUAL David L. Penick			22b. TELEPHONE (Include Area Code) (504) 862-1404		22c. OFFICE SYMBOL CEWRC-NDC-CC

WATERBORNE COMMERCE OF THE UNITED STATES

CALENDAR YEAR 1986

PART 1

WATERWAYS AND HARBORS
ATLANTIC COAST

THE WATER RESOURCES SUPPORT CENTER
U.S. ARMY CORPS OF ENGINEERS
FORT BELVOIR, VIRGINIA

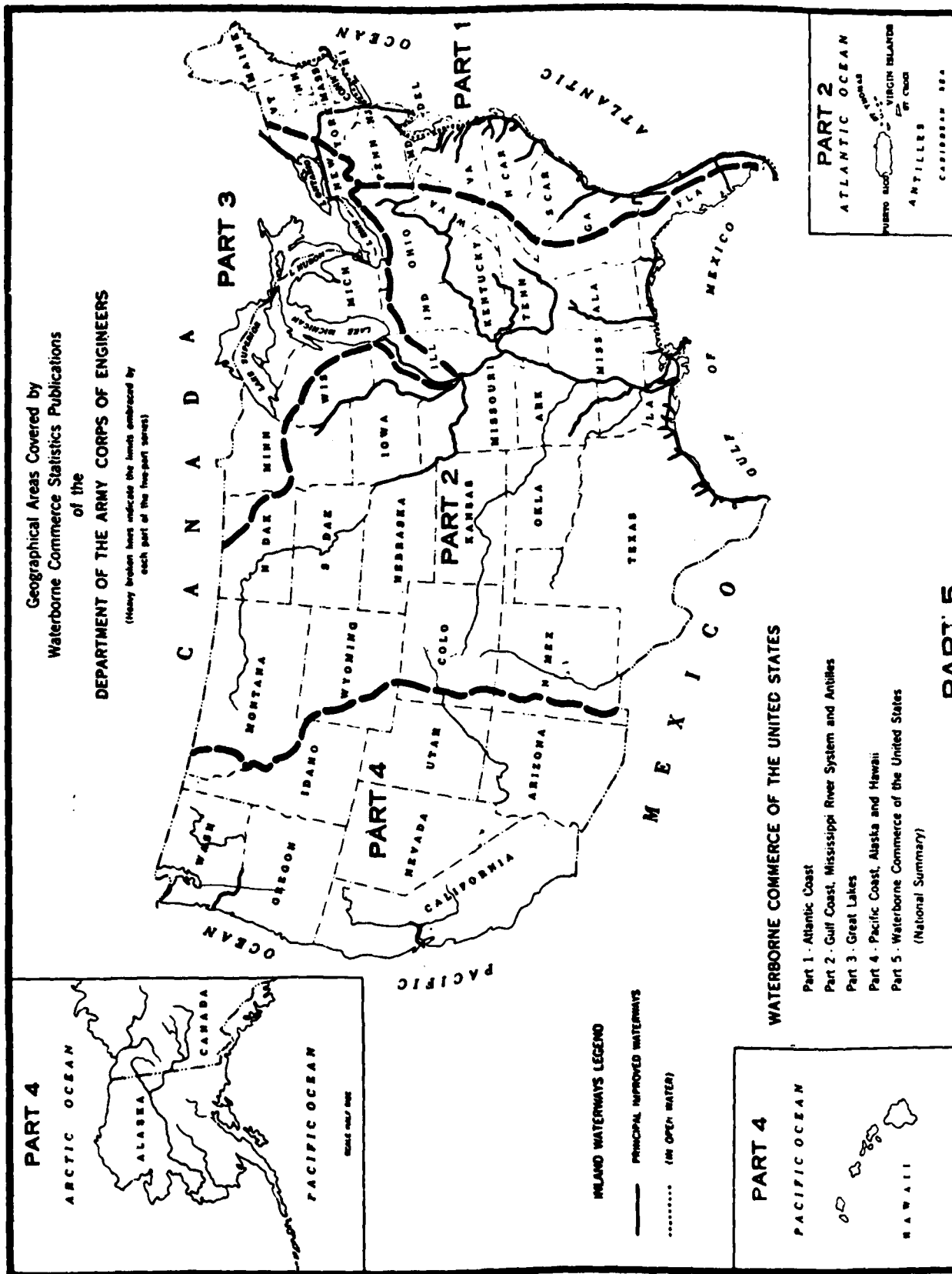
For sale by: 

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Price \$2.75



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Justification	
By <u>2.75 PC</u>	
Distribution/	
Availability Codes	
Dist	Avail and/or Special
<u>A-1</u>	<u>24</u>



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INTRODUCTION

This publication is one of a series containing statistics on the waterborne commerce of the United States during the calendar year 1986. Four of these publications present detailed data on the movements of commodities and vessels at the ports and harbors and on the waterways and canals of the United States, the Commonwealth of Puerto Rico, and the Virgin Islands, and the fifth contains summary data of the country as a whole. The numbers of the publications and the areas covered are:

Area

- Part 1. Atlantic Coast
- Part 2. Gulf Coast, Mississippi River System, and Antilles
- Part 3. Great Lakes
- Part 4. Pacific Coast, Alaska, and Hawaii
- Part 5. Waterborne Commerce of the United States (National Summaries)

Both the foreign and domestic commerce moved on United States waters are included. Data on the foreign commerce were supplied to the Corps of Engineers by the Bureau of the Census; data for the compilation of the domestic statistics were collected by the several offices of the Corps of Engineers, Department of the Army, in compliance with various acts of Congress. The principal provision governing the collection of these data is included in the River and Harbor Act of September 22, 1922:

Section 11. That owners, agents, masters, and clerks of vessels and other craft plying upon the navigable waters of the United States, and all individuals and corporations engaged in transporting their own goods upon the navigable waters of the United States, shall furnish such statements relative to vessels, passengers, freight and tonnage as may be required by the Secretary of War: Provided, that this provision shall not apply to those rafting logs, except upon a direct request upon the owner to furnish specific information.

That every person or persons offending against the provisions of this section, shall for each and every offense, be liable to a fine of \$100 or imprisonment not exceeding two months, to be enforced in any district court in the United States within whose territorial jurisdiction such offense may have been committed.

While the information as now collected and compiled is designed to meet the administrative requirements of the Department of the Army in connection with the duties assigned by Congress, it also provides useful data for other governmental departments, commercial and shipping concerns, and others interested in transportation.

Waterborne traffic movements were reported to the Corps of Engineers by all vessel operators of record on prescribed forms approved by the Office of Management and Budget under the Federal Reports Act of 1942 for those movements of their vessels which were classified as domestic traffic; namely, between United States ports, continental and noncontiguous, and on the island rivers, canals, and connecting channels of the United States, Puerto Rico, and the Virgin Islands, excluding the Panama Canal. The reports were generally submitted on the basis of a vessel movement completed in one direction and, for movements with cargo, the origin and destination of the water transportation of each individual commodity. In compiling the data, the entire movement was included in the year in which the movement was completed even though the shipment may have originated in the preceding year, except that, beginning with calendar year 1961 statistics, a cutoff date of 28 February was established for the processing of reports from vessel operators covering the prior year's completed movements. Hence, reports of movements completed in 1986 but not reported to the Corps of Engineers until after 28 February 1987 will be included in the next year's, 1987, statistics rather than in this publication, while reports of movements completed in 1985 but reported to the Corps after 28 February 1986 are included in this publication.

Sponsored by the Office of Statistical Policy, Office of Management and Budget, a uniform system of classification for freight was developed with cooperation of all Federal agencies engaged in collecting and compiling data on shipping. This classification, the Commodity Classification for Domestic Waterborne Commerce, is used for data on the foreign and domestic commerce presented in these publications, although some minor modifications exist in the foreign data which were necessitated by Bureau of the Census policies and procedures.

The domestic traffic includes all commercial movements between points in the United States, Puerto Rico, and the Virgin Islands. Traffic with the Panama Canal Zone is treated as foreign commerce. Cargo moved for the military agencies in commercial vessels is reported as ordinary commercial cargo; military cargo moved in Department of Defense vessels is omitted from these statistics.

All movements between the United States and foreign countries and between Puerto Rico and Virgin Islands, U.S.A., and foreign countries are classified as foreign traffic. Trade between United States territories and possessions, i.e. Guam, Wake, American Samoa, etc., and foreign countries is excluded.

These data are furnished to the Corps of Engineers by the Bureau of the Census under a working arrangement sponsored by the Office of Statistical Policy, Office of Management and Budget. The data are confined to movements by water, and are reconcilable with published reports of the Bureau of the Census. Shipments of domestic merchandise and re-exports of foreign merchandise are termed exports. The imports include inbound merchandise for direct consumption and entries into custom bonded storage and manufacturing warehouses. Intransit merchandise, defined by the Bureau of the Census as merchandise coming into the United States from a foreign country and shipped to a foreign country without having been entered as an import, is treated as an import when unloaded from a vessel and as an export when loaded on a vessel. Export shipments for use of the United States Armed Forces abroad are excluded from the statistics as are import shipments on Department of Defense owned and operated vessels. Foreign trade data of territories and possessions other than Puerto Rico and the Virgin Islands, which are under the jurisdiction of the Department of the Interior, were not furnished to the Corps of Engineers by the Bureau of the Census and are excluded from the statistics of both agencies.

Export shipments under the various foreign aid programs on Department of Defense operated vessels, either American Flag commercial vessels under time, voyage, or space charter or vessels owned and operated by the Department of Defense, and various items (listed by the Census) which affect national security are not published in terms of the individual commodities shipped. Instead, a lump-sum tonnage figure is compiled and appears in these tables as commodity code 9999, "Department of Defense Controlled Cargo and Special Category Items."

The 1986 statistics on waterborne exports of domestic and foreign merchandise and non-Department of Defense shipments of Special Category commodities reflect fully compiled data for shipments to Canada individually valued at \$2,000 and over combined with estimated data for shipments valued \$251-\$1,999, based on a 10-percent sample of such shipments. For countries other than Canada, the export statistics reflect fully compiled data for shipments valued \$1,000 and over combined with estimated data for shipments valued \$251-\$999, based on a 30-percent sample of such shipments. Data on export shipments valued under \$251 are excluded from this report.

Import statistics for 1986 exclude data on shipments valued \$250 and under reported on both formal and informal entries. Informal entries generally contain items valued not more than \$250.

Foreign trade data furnished by Census are based on reports processed for Census' monthly data January through December and represent statistical year rather than calendar year data.

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Waterborne Commerce of the United States, 1986

The figures on ton-miles are computed by the Corps of Engineers; each ton-mile figure reflects only the distance each ton of cargo, foreign or domestic, moved on the waterway described in the section for which the figure is reported. The summary of ton-miles for the entire United States contained in Part 5 includes movements on the inland waterways and Great Lakes System only, cargoes, foreign and domestic, of deep-sea vessels are included only for that portion of the voyage that occurred in inland rivers, canals, or connecting channels—neither the carriage on the oceans nor the Gulf of Mexico nor the tonnage moved among the territories and possessions, "Intra-territory Traffic," is taken into account.

Trips of vessels at ports are reported as inbound, which represents the number of entrances or arrivals, and outbound, which represents the number of clearances or departures. On the waterways, the number of trips signifies the number of individual vessel movements on the waterway in each direction; a single trip is counted for each vessel using the waterway in a continuous direction regardless of the number of stops made on the waterway. Some towboat trips and empty barge moves are sampled to expedite processing and reduce cost. Even with sampling; however, the number of towboat trips are calculated from better than 70-percent of the total number of towboat moves reported and the number of barge trips are derived from better than 85-percent of the total number of barge moves reported. The number of trips reported includes vessels engaged in foreign trade, which are furnished by the Bureau of the Census based on Customs Entrance and Clearance forms. Complete information on trips of vessels, ferry and other, not required to clear formally was not furnished by the Bureau of Customs beginning with data for the year 1969. Adjustments are made to the trip counts, if necessary, to more accurately reflect actual traffic patterns (e.g. inbound vs. outbound trip counts).

Customs regulations with regard to entrance and clearance do not provide all data as required by the Corps of Engineers where supplementary information could be obtained, adjustments were made by the Corps of Engineers to reflect the true volume of vessel movements in and out of channels and harbors reported in these publications.

Excluding from these figures are United States Army and Navy vessels, such as Army transports and Navy tankers entering or clearing without commercial cargo, and foreign military and naval craft.

Some duplication may exist in the number of vessel trips at ports for those American flag vessels engaging both foreign and domestic trade on the same voyage. Since movements of vessels and cargo between two United States ports are reported to the Corps of Engineers, and entrance and clearance must be obtained from Customs at each port of call while foreign cargoes are aboard, those vessels engaged in combined foreign and domestic movements may be reported twice.

Draft, in all cases, is the distance from water level to the lowest point of the vessel under-water and is measured when the vessel is completely stopped—either tied to a dock or at anchor. The draft under way—while the vessel is moving—is dependent on many factors, such as speed of the vessel and depth and width of the channel, and varies from channel to channel. Channel depth of at least 3 feet more than the draft of a vessel at dock is required where vessels must be operated at slow speed. Channel depth of 5 feet more than the draft of a vessel at dock is required in channels where vessels can be operated at more efficient and economical speeds.

Passenger arrivals and departures on the various waterways and channels and at ports include passengers engaged in foreign travel. While the Immigration and Naturalization Service, Department of Justice, no longer provides foreign passenger data to the Waterborne Commerce Statistics Center, foreign passengers traveling between Canada and the United States in the Great Lakes and Alaska areas are reported to the Corps of Engineers from other sources available to the Corps. In addition, the New England Division has been able to obtain foreign passenger data for calendar year 1986 in Bar Harbor, Lubec, Eastport and Portland Harbor.

Foreign data on various connecting channels having no terminal facilities, such as Cape Cod Canal, and Chesapeake and Delaware Canal, are not available from Census records. Hence, the Corps of Engineers developed such data from canal records.

SECTION 1 of this publication presents comparative statements of commerce for preceding years and the detailed freight traffic for calendar year 1986 of harbors and waterways in the area covered by this part of the statistics series.

SECTION 2 presents data on the movements of vessels at the harbors and on the waterways included in the first section.

TERMS FOR KIND OF TRAFFIC

The terms applied to the kinds of traffic as found in these publications are explained as follows:

Pertaining to Ports

Imports and Exports. These terms apply to traffic between the United States and foreign ports, including the Canal Zone. Traffic of the U.S. Great Lakes ports with Canada is supplemented by the term "Canadian" to differentiate it from overseas traffic.

Coastwise Receipts and Shipments. These terms apply to domestic traffic receiving a carriage over the ocean, or the Gulf of Mexico, e.g. New Orleans to Baltimore, New York to Puerto Rico, San Francisco to Hawaii, or Puerto Rico to Hawaii. Traffic between Great Lakes ports and seacoast ports, when having a carriage over the ocean, is also termed "coastwise." The Chesapeake Bay and Puget Sound are internal bodies of water, therefore, traffic confined to these areas is "internal" rather than "coastwise."

Lakewise Receipts and Shipments. These terms apply to traffic between United States ports on the Great Lakes System. The Great Lakes System is treated as a separate system rather than as a part of the inland system.

Internal Receipts and Shipments. These terms apply to traffic between ports or landings wherein the entire movement takes place on inland waterways. Also termed internal are movements involving carriage on both inland waterways and waters of the Great Lakes; inland movements that cross short stretches of open waters which link inland systems; marine products, sand and gravel taken directly from beds of the oceans, the Gulf of Mexico and important areas thereof; and movements between offshore installations and inland waterways.

Local. Movements of freight within the confines of a port whether the port has only one or several areas or channels, except car-ferry and general ferry are termed "local." The term is also applied to marine products, sand, and gravel taken directly from the Great Lakes.

Intraterritory receipts and shipments. These terms apply to traffic between ports in Puerto Rico and the Virgin Islands, U.S.A., which are considered a single unit.

Pertaining to Rivers, Federal and Private Canals, Connecting Channels, and Intracoastal Waterways

The terms "imports," "exports," "coastwise receipts," "coastwise shipments," "internal receipts," and "internal shipments" are used as at ports.

Upbound and Downbound. These terms are applied to movements within the confines of a river, intracoastal waterway, canal, or a segment of one of these channels as described in the "Section included" for each channel.

Inbound and Outbound. Traffic moving from one waterway into another is termed "outbound" in the case of the shipping waterway and "inbound" with respect to the receiving waterway.

Through Traffic. Traffic moving through a waterway to and from points on other waterways is termed "through traffic."

General Terms

Freight reported under the terms "car ferry" or "general ferry" is not directly included in the port or channel tonnage, but is separately stated and tabulated.

COMMODITY CLASSIFICATION FOR DOMESTIC WATERBORNE COMMERCE

NOTE: The commodity descriptions used in the statistical tables in this publication are abbreviated to conserve printing space of the following commodities:

Code No.	Item Name	Code No.	Item Name
Group 01-Farm Products		Group 20-Food and Kindred Products	
0101	Cotton, raw	2034	Vegetables and preparations, canned and otherwise prepared and preserved
0102	Barley and rye	2039	Fruits, and fruit and vegetable juices, canned and otherwise prepared or preserved
0103	Corn	2041	Wheat flour and semolina
0104	Oats	2042	Animal feeds
0105	Rice	2044	Grain mill products, not elsewhere classified
0106	Sorghum Grains	2061	Sugar
0107	Wheat	2062	Molasses
0111	Soybeans	2081	Alcoholic beverages
0112	Flaxseed	2091	Vegetable oils, all grades; margarine and shortening
0119	Oilseeds, not elsewhere classified	2092	Animal oils and fats, not elsewhere classified, including marine
0121	Tobacco, leaf	2094	Groceries
0122	Hay and Fodder	2095	Ice
0129	Field crops, not elsewhere classified	2099	Miscellaneous food products
0131	Fresh fruits		
0132	Bananas and plantains	Group 21-Tobacco Products	
0133	Coffee, green and roasted (including instant)	2111	Tobacco manufactures
0134	Cocoa beans	Group 22-Basic Textiles	
0141	Fresh and frozen vegetables	2211	Basic textile products, except textile fibers
0151	Live animals (livestock) except zoo animals, cats, dogs, etc.	2212	Textile fibers not elsewhere classified
0161	Animals and animal products, not elsewhere classified	Group 23-Apparel and Other Finished Textile Products Including Knit	
0191	Miscellaneous farm products	2311	Apparel and other finished textile products, including knit
Group 08-Forest Products		Group 24-Lumber and Wood Products Except Furniture	
0841	Crude rubber and allied gums	2411	Logs
0861	Forest products, not elsewhere classified	2412	Rafted logs
Group 09-Fresh Fish and Other Marine Products		2413	Fuel wood, charcoal, and wastes
0911	Fresh fish, except shellfish	2414	Timber, posts, poles, piling, and other wood in the rough
0912	Shellfish, except prepared or preserved	2415	Pulpwood, log
0913	Menhaden	2416	Wood chips, staves, moldings, and excelsior
0931	Marine shells, unmanufactured	2421	Lumber
Group 10-Metallic Ores		2431	Veneer, plywood, and other worked wood
1011	Iron ore and concentrates	2491	Wood manufactures, not elsewhere classified
1021	Copper ore and concentrates	Group 25-Furniture and Fixtures	
1051	Bauxite and other aluminum ores and concentrates	2511	Furniture and fixtures
1061	Manganese ores and concentrates	Group 26-Pulp, Paper and Allied Products	
1091	Nonferrous metal ores and concentrates, not elsewhere classified	2611	Pulp
Group 11-Coal		2621	Standard newsprint paper
1121	Coal and lignite	2631	Paper and paperboard
Group 13-Crude Petroleum		2691	Pulp, paper and paperboard products, not elsewhere classified
1311	Crude petroleum	Group 27-Printed Matter	
Group 14-Nonmetallic Minerals, Except Fuels		2711	Printed matter
1411	Limestone flux and calcareous stone	Group 28-Chemicals and Allied Products	
1412	Building stone, unworked	2810	Sodium hydroxide (caustic soda)
1442	Sand, gravel and crushed rock	2811	Crude products from coal tar, petroleum, and natural gas, except benzene and toluene
1451	Clay, ceramic and refractory materials	2812	Dyes, organic pigment, dyeing and tanning materials
1471	Phosphate rock	2813	Alcohols
1479	Natural fertilizer materials, not elsewhere classified	2816	Radioactive and associated materials, including wastes
1491	Salt	2817	Benzene and toluene, crude and commercially pure
1492	Sulphur, dry	2818	Sulphuric acid
1493	Sulphur, liquid	2819	Basic chemicals and basic chemical products, not elsewhere classified
1494	Gypsum, crude and plaster	2821	Plastic materials, regenerated cellulose and synthetic resins, including film, sheeting, and laminates
1499	Nonmetallic minerals, except fuels, not elsewhere classified	2822	Synthetic rubber
Group 19-Ordnance and Accessories		2823	Synthetic (man-made) fiber
1911	Ordnance and accessories	2831	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations)
Group 20-Food and Kindred Products		2841	Soap, detergents, and cleaning preparations; perfumes, cosmetics, and other toilet preparations
2011	Meat, fresh, chilled, or frozen	2851	Paints, varnishes, lacquers, enamels, and allied products
2012	Meat and meat products prepared or preserved, including canned meat products	2861	Gum and wood chemicals
2014	Tallow, animal fats and oils	2871	Nitrogenous chemical fertilizers, except mixtures
2015	Animal by-products, not elsewhere classified	2872	Potassic chemical fertilizers, except mixtures
2021	Dairy products, except dried milk and cream	2873	Phosphatic chemical fertilizers, except mixtures
2022	Dried milk and cream		
2031	Fish and fish products, including shellfish, prepared or preserved		

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Waterborne Commerce of the United States, 1986

Code No.	Item Name	Code No.	Item Name
Group 28-Chemicals and Allied Products		Group 34-Fabricated Metal Products, Except Ordnance, Machinery and Transportation Equipment	
2876	Insecticides, fungicides, pesticides, and disinfectants	3411	Fabricated metal products, except ordnance, machinery, and transportation equipment
2879	Fertilizers and fertilizer materials, not elsewhere classified		
2891	Miscellaneous chemical products		
Group 29-Petroleum and Coal Products		Group 35-Machinery, Except Electrical	
2911	Gasoline, including natural gasoline	3511	Machinery, except electrical
2912	Jet fuel	Group 36-Electrical Machinery, Equipment and Supplies	
2913	Kerosene	3611	Electrical machinery equipment and supplies
2914	Distillate fuel oil		
2915	Residual fuel oil		
2916	Lubricating oils and greases	Group 37-Transportation Equipment	
2917	Naphtha, mineral spirits, solvents, not elsewhere classified	3711	Motor vehicles, parts and equipment
2918	Asphalt, tar, and pitches		
2920	Coke, including petroleum coke	3721	Aircraft and parts
2921	Liquefied petroleum gases, coal gases, natural gas, and natural gas liquids	3731	Ships and boats
2951	Asphalt building materials	3791	Miscellaneous transportation equipment
2991	Petroleum and coal products, not elsewhere classified	Group 38-Instruments, Photographic and Optical Goods, Watches and Clocks	
Group 30-Rubber and Miscellaneous Plastic Products		3811	Instruments, photographic and optical goods, watches and clocks
3011	Rubber and miscellaneous plastic products	Group 39-Miscellaneous Products of Manufacturing	
Group 31-Leather and Leather Products		3911	Miscellaneous products of manufacturing
3111	Leather and leather products		
Group 32-Stone, Clay, Glass and Concrete Products		Group 40-Waste and Scrap Materials	
3211	Glass and glass products	4011	Iron and steel scrap
3241	Building cement	4012	Nonferrous metal scrap
3251	Structural clay products, including refractories	4022	Textile waste, scrap, and sweepings
3271	Lime	4024	Paper waste and scrap
3281	Cut stone and stone products	4029	Waste and scrap, not elsewhere classified
3291	Miscellaneous nonmetallic mineral products	Group 41-Special Items	
Group 33-Primary Metal Products		4111	Water
3311	Pig iron	4112	Miscellaneous shipments not identifiable by commodity
3312	Slag	4113	LCL freight
3313	Coke (coal and petroleum), petroleum pitches and asphalts, and naphtha and solvents	4118	Materials used in waterway improvement, Government materials
3314	Iron and steel ingots, and other primary forms, including blanks for tube and pipe, and sponge iron	4119	Empty containers
3315	Iron and steel bars, rods, angles, shapes and sections, including sheet piling	9999*	Department of Defense controlled cargo and special category items
3316	Iron and steel plates and sheets	*Cargoes exported on Department of Defense controlled vessels (other than goods for the use of U.S. Armed Forces abroad) and non-Department of Defense shipments of military component items (abbreviated SCIs) for which commodity detail is not furnished to the Corps of Engineers.	
3317	Iron and steel pipe and tube		
3318	Ferroalloys		
3319	Primary iron and steel products, not elsewhere classified including castings in the rough		
3321	Nonferrous metals primary smelter product, basic shapes, wire castings and forgings, except copper, lead, zinc and aluminum		
3322	Copper and copper alloys, whether or not refined, unworked		
3323	Lead and zinc including alloys, unworked		
3324	Aluminum and aluminum alloys, unworked		

Section I
FREIGHT TRAFFIC

NEW ENGLAND DIVISION

3

BUCKSPORT HARBOR, MAINE (INCLUDED IN PENOBSCOT RIVER, MAINE)

SECTION INCLUDED: HARBOR PROPER, INCLUDING WESTERN END OF THE EASTERN CHANNEL, OPPOSITE THE NORTHERN END OF VERONA ISLAND. CONTROLLING DEPTH: 5.2 FEET. PROJECT DEPTH: 16.0 FEET IN MIDDLE GROUND AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	1,191,026	1982-----	860,897
1978-----	1,175,770	1983-----	662,234
1979-----	1,091,639	1984-----	1,011,247
1980-----	939,384	1985-----	723,852
1981-----	965,295	1986-----	595,377

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN	DOMESTIC	
		IMPORTS	RECEIPTS	SHIPMENTS
TOTAL-----	595,377	463,123	65,783	66,471
1491 SALT-----	6,641	6,641	-----	-----
2911 GASOLINE-----	28,239	-----	28,239	-----
2913 KEROSENE-----	4,706	-----	-----	4,706
2914 DISTILLATE FUEL OIL-----	244,784	158,815	24,204	61,765
2915 RESIDUAL FUEL OIL-----	311,007	297,667	13,340	-----

PENOBSCOT RIVER, MAINE

SECTION INCLUDED: MOUTH TO BANGOR, CONTROLLING DEPTH: 20.1 FEET IN CHANNEL OPPOSITE LAWRENCE COVE AND 20.0 FEET IN CHANNEL OPPOSITE FRANKFORT FLATS, 13.2' AT BANGOR HARBOR. PROJECT DEPTH: 22 FEET BETWEEN BUCKSPORT AND WINTERPORT, 15 FEET NEAR STEARNS HILL AND CROSSBY NARROWS, 14 FEET AT HARBOR AT BANGOR. ALL AT MEAN LOW WATER. NAVIGATION SEASON: ABOUT 9 MONTHS.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	1,812,439	1982-----	1,166,329
1978-----	1,768,187	1983-----	949,464
1979-----	1,601,606	1984-----	1,296,622
1980-----	1,459,216	1985-----	965,780
1981-----	1,430,372	1986-----	1,344,107

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC	
		IMPORTS	EXPORTS	RECEIPTS	UPBOUND
TOTAL-----	1,344,107	588,140	8,855	683,085	68,027
0161 ANIMALS AND PRODUCTS, NEC-----	3,732	-----	3,732	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	1,865	1,668	197	-----	-----
1491 SALT-----	6,641	6,641	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	3,253	-----	3,253	-----	-----
2021 DAIRY PRODUCTS, NEC-----	1,615	-----	1,615	-----	-----
2911 GASOLINE-----	322,579	60,569	205	261,805	-----
2912 JET FUEL-----	49,553	-----	-----	49,553	-----
2913 KEROSENE-----	27,016	-----	-----	20,754	6,262
2914 DISTILLATE FUEL OIL-----	512,248	217,378	-----	233,105	61,765
2915 RESIDUAL FUEL OIL-----	371,007	297,667	-----	73,340	-----
2918 ASPHALT, TAR, AND PITCHES-----	43,928	-----	-----	43,928	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	196	196	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	600	-----	-----	600	-----
3731 SHIPS AND BOATS-----	21	21	-----	-----	-----
4112 COMMODITIES, NEC-----	53	-----	53	-----	-----
TOTAL TON-MILES, 19,090,646.					

BEARSPORT HARBOR, MAINE

SECTION INCLUDED: CHANNEL FROM DEEP WATER TO PIERS AND TURNING BASIN AT MACK POINT. CONTROLLING DEPTH: 35 FEET IN 35 FOOT ACCESS CHANNEL; 35 FEET IN 35 FOOT TURNING BASIN. PROJECT DEPTH: 35 FEET, ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	1,497,184	1982-----	793,713
1978-----	1,339,083	1983-----	824,895
1979-----	1,280,216	1984-----	1,001,944
1980-----	1,192,650	1985-----	840,775
1981-----	1,079,013	1986-----	978,959

Waterborne Commerce of the United States, 1986

BEANSPORT HARBOR, MAINE--CONTINUED

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC COASTWISE	
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS
TOTAL-----	978,959	645,354	5,084	314,547	13,974
1011 IRON ORE AND CONCENTRATES-----	8,000	-----	-----	8,000	-----
1051 ALUMINUM ORES, CONCENTRATES-----	4,905	4,905	-----	-----	-----
1121 COAL AND LIGNITE-----	145,746	-----	-----	145,746	-----
1491 SALT-----	133,959	133,959	-----	-----	-----
1494 GYPSUM, CRUDE AND PLASTERS-----	32,421	32,421	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	4,427	4,427	-----	-----	-----
2081 ALCOHOLIC BEVERAGES-----	22	22	-----	-----	-----
2621 STANDARD NEWSPRINT PAPER-----	5,084	-----	5,084	-----	-----
2610 SODIUM HYDROXIDE-----	40,960	-----	-----	40,960	-----
2619 BASIC CHEMICALS AND PROD, NEC-----	5,033	5,033	-----	-----	-----
2911 GASOLINE-----	6,044	3,750	-----	678	1,614
2912 JET FUEL-----	92,088	52,002	-----	40,086	-----
2913 KEROSENE-----	13,071	-----	-----	7,201	9,870
2914 DISTILLATE FUEL OIL-----	71,334	54,521	-----	10,329	6,488
2915 RESIDUAL FUEL OIL-----	402,989	341,442	-----	61,547	-----
3241 BUILDING CEMENT-----	12,872	12,872	-----	-----	-----

PORTLAND HARBOR, MAINE

SECTION INCLUDED: NORTHERN LIMIT FROM THE MOUTH OF THE PRESUMSCOT RIVER ON THE WEST TO THE NORTHERN EXTREMITY OF GREAT DIAMOND ISLAND ON THE EAST; AND THE SOUTHERN LIMIT FROM PORTLAND HEAD LIGHT TO THE SOUTHERN EXTREMITY OF CUSHING ISLAND ACROSS THE MAIN SHIP CHANNEL. INCLUDED WITHIN THIS AREA ARE THE WATERFRONTS OF PORTLAND, SOUTH PORTLAND AND BACK COVE. CONTROLLING DEPTH: 45 FEET FROM THE SEA TO THE LIMIT OF THE 45-FOOT CHANNEL; 44.7 FEET IN 44IN SHIP CHANNEL; 44.0 FEET IN 45-FOOT HOUSE ISLAND ANCHORAGE; 34.6 FEET TO PORTLAND BRIDGE; THENCE 34.7 FEET TO FORMER SITE OF VAUGHN BRIDGE; THENCE 32.0 FEET TO UPSTREAM LIMIT IN THE 35-FOOT FORD RIVER CHANNEL; 27 FEET IN 30 FOOT ANCHORAGE WITH SHALING TO 24.2 FEET IN NORTHEASTERN PORTION. PROJECT DEPTH: 45 FEET FROM OPEN OCEAN TO PORTLAND PIPELINE CORP. TERMINAL; 45 FOOT ANCHORAGE NORTHWEST OF HOUSE ISLAND; 30 FOOT ANCHORAGE OFF FISH POINT, FORD RIVER CHANNEL.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	18,326,110	535,014	1982-----	10,455,784	86,349
1978-----	22,165,303	569,557	1983-----	7,904,207	104,023
1979-----	13,262,431	575,935	1984-----	6,278,519	-----
1980-----	12,847,571	577,572	1985-----	7,626,204	72,434
1981-----	14,752,985	565,447	1986-----	6,991,527	72,636

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC COASTWISE		INTERNAL	LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS		
TOTAL-----	6,991,527	4,180,296	62,959	2,436,573	175,548	15,504	120,647
0911 FRESH FISH, EXCEPT SHELLFISH-----	15,504	-----	-----	-----	-----	15,504	-----
0912 SHELLFISH, EXCEPT PREPARED-----	23	-----	23	-----	-----	-----	-----
1121 COAL AND LIGNITE-----	77,806	-----	-----	77,806	-----	-----	-----
1311 CRUDE PETROLEUM-----	2,556,320	2,556,320	-----	-----	-----	-----	-----
1491 SALT-----	53,969	53,969	-----	-----	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	21,735	21,735	-----	-----	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	3,063	3,063	-----	-----	-----	-----	-----
2414 TIMBER, POSTS, POLES, PILING-----	503	503	-----	-----	-----	-----	-----
2421 LUMBER-----	2,949	2,949	-----	-----	-----	-----	-----
2611 PULP-----	11,951	11,951	-----	-----	-----	-----	-----
2621 STANDARD NEWSPRINT PAPER-----	3,085	3,085	-----	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	275	275	-----	-----	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	16	-----	16	-----	-----	-----	-----
2813 ALCOHOLS-----	561	-----	561	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	6,938	-----	6,938	-----	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	20,052	20,052	-----	-----	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	2	-----	2	-----	-----	-----	-----
2911 GASOLINE-----	1,480,225	60,785	-----	1,346,080	62,254	-----	11,106
2912 JET FUEL-----	62,361	-----	-----	60,655	-----	-----	1,706
2913 KEROSENE-----	49,175	-----	-----	42,569	6,606	-----	-----
2914 DISTILLATE FUEL OIL-----	1,364,612	512,997	-----	722,090	80,359	-----	49,166
2915 RESIDUAL FUEL OIL-----	1,156,712	928,979	-----	142,900	26,325	-----	58,588
2916 LUBRICATING OILS AND GREASES-----	29	-----	-----	-----	-----	-----	29
2918 ASPHALT, TAR, AND BITUMENS-----	44,473	-----	-----	44,473	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	4	4	-----	-----	-----	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	1,655	1,655	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	1,658	1,658	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	2	-----	2	-----	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	193	193	-----	-----	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	40	40	-----	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	11	11	-----	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	15	-----	12	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	55,405	55,405	-----	-----	-----	-----	-----
4112 COMMODITIES, NEC-----	205	69	-----	-----	4	-----	132
TOTAL TON-MILES, 13,982,956.							

NEW ENGLAND DIVISION

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PORTSMOUTH HARBOR, N. H.

SECTION INCLUDED: FROM MOUTH TO NEWINGTON, N. H., IN THE WEST BANK OF THE PISCATAQUA RIVER, CONTROLLING DEPTH MIDDLE HALF OF CHANNEL 34.4 FEET IN THE 35-FOOT CHANNEL TO SIMPLEX DOCK; THENCE 34.3 FEET TO UPSTREAM LIMIT. PROJECT DEPTH: 35 FEET AT MEAN LOW WATER OVER LEDGES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	3,499,654	94,284	1982-----	2,267,083	-----
1978-----	3,305,303	102,586	1983-----	2,239,509	-----
1979-----	3,519,926	100,566	1984-----	2,660,087	-----
1980-----	2,783,741	51,160	1985-----	2,780,051	-----
1981-----	3,072,214	101,800	1986-----	3,487,094	120,880

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
TOTAL-----	3,487,098	1,567,101	297,041	1,971,770	30,767	19,499
0131 FRESH FRUITS-----	1,643	-----	1,643	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	16	-----	12	-----	-----	-----
0641 CRUDE RUBBER AND ALLIED GUMS-----	56	56	-----	-----	-----	-----
1121 COAL AND LIGHTS-----	140,869	-----	-----	140,869	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	11,200	11,200	-----	-----	-----	-----
1491 SALT-----	250,379	250,379	-----	-----	-----	-----
1494 GYPSUM, CRUDE AND PLASTERS-----	195,842	195,842	-----	-----	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	27,062	-----	27,062	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	19	19	-----	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	21	21	-----	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	14	14	-----	-----	-----	-----
2041 ALCOHOLIC BEVERAGES-----	7,071	7,071	-----	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	46	-----	46	-----	-----	-----
2311 APPAREL-----	37	-----	37	-----	-----	-----
2421 LUMBER-----	1,146	50	1,166	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	3	3	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	113	61	52	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	86	86	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	3,087	42	3,045	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	32	-----	32	-----	-----	-----
2711 PRINTED MATTER-----	7	7	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	5,986	5,986	-----	-----	-----	-----
2821 PLASTIC MATERIALS-----	112	69	43	-----	-----	-----
2851 PAINTS-----	2	2	-----	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	6,409	6,409	-----	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	20	-----	20	-----	-----	-----
2911 GASOLINE-----	150,740	-----	-----	150,740	-----	-----
2912 JET FUEL-----	53,207	-----	-----	53,207	-----	-----
2913 KEROSENE-----	65,389	-----	-----	53,496	8,744	3,149
2914 DISTILLATE FUEL OIL-----	413,116	443,576	-----	451,200	21,676	16,390
2915 RESIDUAL FUEL OIL-----	924,817	309,379	-----	624,436	-----	-----
2916 LUBRICATING OILS AND GREASES-----	26,020	-----	26,020	-----	-----	-----
2918 ASPHALT, TAR, AND BITUMENS-----	186,571	96,839	-----	91,732	-----	-----
2921 LIQUEFIED GASES-----	230,276	230,276	-----	-----	-----	-----
3011 RUBBER AND MISC PLASTIC PROD-----	7	7	-----	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	15	10	5	-----	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	189	189	-----	-----	-----	-----
3311 PIG IRON-----	1,027	-----	1,027	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	7	7	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	1,586	1,586	-----	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	16	3	13	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	32	31	1	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	761	642	6	-----	113	-----
3611 ELECTRICAL MACH AND EQUIP-----	107	89	18	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	202	202	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	87	87	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	262,819	-----	262,819	-----	-----	-----
4112 COMMODITIES, NEC-----	43	-----	43	-----	-----	-----
TOTAL TON-MILES, 13,027,967.						

SALEM HARBOR, MASS.

SECTION INCLUDED: WESTERLY SHORE OF HARBOR. CONTROLLING DEPTH: 30 FEET AT MEAN LOW WATER IN THE 32-FOOT CHANNEL. PROJECT DEPTH: MAIN CHANNEL 32 FEET AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	1,648,636	6,942	1982-----	929,618	-----
1978-----	1,487,230	-----	1983-----	962,079	-----
1979-----	1,384,294	8,690	1984-----	1,050,902	8,896
1980-----	1,556,764	2,104	1985-----	1,413,122	7,834
1981-----	1,228,200	37,982	1986-----	1,694,500	-----

Waterborne Commerce of the United States, 1986

Salem Harbor, Mass.--CONTINUED

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN	DOMESTIC	
		IMPORTS	RECEIPTS	SHIPMENTS
TOTAL-----	1,694,500	540,858	1,140,508	13,134
1121 COAL AND LIGNITE-----	914,587	-----	914,587	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	59	59	-----	-----
2914 DISTILLATE FUEL OIL-----	154,514	55,172	99,342	-----
2915 RESIDUAL FUEL OIL-----	625,340	485,627	126,579	13,134
TOTAL TON-MILES, 3,402,505.				

PORT OF BOSTON, MASS.

SECTION INCLUDES: BOSTON HARBOR, INCLUDING ALL THE TIDEWATER LYING WITHIN A LINE FROM POINT ALLENTON TO POINT SHIRLEY, AND EXTENDING WESTWARD TO THE MATHLAND, COMPRISING AN AREA OF APPROXIMATELY 47 SQUARE MILES. CONTROLLING DEPTH: MAIN SHIP CHANNEL TO OPPOSITE PIER 49, 37.9 FEET. OTHER CHANNELS RANGE FROM 15 TO 40 FEET. PRESIDENT ROADS ANCHORAGE, 38.1 FEET. PROJECT DEPTH: A CHANNEL 40 FEET DEEP IN GENERAL, BUT 45 FEET THROUGH ROCK 900 FEET WIDE, WIDENING AT THE OUTER END TO 1,100 FEET FROM THE SEA TO PRESIDENT ROADS, THROUGH BRAD SOUND. OTHER CHANNELS RANGE FROM 15 TO 40 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	25,975,275	628,921	1982-----	17,593,627	393,483
1978-----	26,073,590	238,499	1983-----	17,036,478	49,420
1979-----	26,342,672	260,464	1984-----	19,888,675	395,131
1980-----	22,033,922	113,235	1985-----	17,268,816	358,678
1981-----	20,306,450	365,117	1986-----	21,035,972	481,277

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS		
TOTAL-----	21,035,972	10,585,681	503,141	8,119,851	1,092,045	35,940	699,314
0102 BARLEY AND RYE-----	2	2					
0119 JILSEEDS, NEC-----	7		7				
0122 HAY AND FODDER-----	14			14			
0129 FIELD CROPS, NEC-----	89	89					
0131 FRESH FRUITS-----	3,578	44	3,534				
0133 COFFEE-----	960	960					
0141 FRESH AND FROZEN VEGETABLES-----	122	122					
0161 ANIMALS AND PRODUCTS, NEC-----	4,085	3,627	332	126			
0191 MISCELLANEOUS FARM PRODUCTS-----	166	130		56			
0841 CRUDE RUBBER AND ALLIED GUMS-----	1,355	1,349	6				
0861 FOREST PRODUCTS, NEC-----	338	213	6	116			
0911 FRESH FISH, EXCEPT SHELLFISH-----	80,666	42,443	344	1,939		35,940	
0912 SHELLFISH, EXCEPT PREPARED-----	2,173	1,813	127	233			
0931 MARINE SMELLS, UNMANUFACTURED-----	6	6					
1011 IRON ORE AND CONCENTRATES-----	41		41				
1051 ALUMINUM DRES, CONCENTRATES-----	375	146	109				
1091 NONFERROUS ORES, CONCENT, NEC-----	356		356				
1121 COAL AND LIGNITE-----	12	12					
1442 SAND, GRAVEL, CRUSHED ROCK-----	168	168					
1451 CLAY-----	1,120	1,042	78				
1471 PHOSPHATE ROCK-----	1		1				
1491 SALT-----	42,170	42,170					
1494 GYPSUM, CRUDE AND PLASTERS-----	118,358	118,358					
1499 NONMETALLIC MINERALS, NEC-----	2,701	2,588	112	1			
1911 ORDNANCE AND ACCESSORIES-----	53	51	2				
2011 MEAT, FRESH, CHILLED, FROZEN-----	759	65		694			
2012 MEAT AND PRODUCTS, NEC-----	665	321	20	374			
2014 TALLOW, ANIMAL FATS AND OILS-----	880		880	200			
2015 ANIMAL BY-PRODUCTS, NEC-----	4,486	99	4,387				
2021 DAIRY PRODUCTS, NEC-----	1,224	731		493			
2031 FISH AND SHELLFISH, PREPARED-----	11,457	4,192	88	7,177			
2034 VEGETABLES AND PREP, NEC-----	5,452	4,173	46	1,233			
2039 PREP FRUIT AND VEG JUICE, NEC-----	10,454	10,411	428	15			
2041 WHEAT FLOUR AND SEMOLINA-----	22		22				
2042 ANIMAL FEEDS-----	2,988	2,550	438				
2049 GRAIN MILL PRODUCTS, NEC-----	3,294	3,146	24	124			
2061 SUGAR-----	166,870	155,270		11,200			
2062 MOLASSES-----	8,665	8,659	6				
2081 ALCOHOLIC BEVERAGES-----	97,121	95,070	224	1,827			
2091 VEGETABLE OILS, MARG, SHORT-----	44,800	43,995	50	575			
2092 ANIMAL OILS AND FATS, NEC-----	60	60					
2095 ICE-----	762	762					
2099 MISCELLANEOUS FOOD PRODUCTS-----	5,954	3,773	218	1,963			
2111 TOBACCO MANUFACTURES-----	19	1	18				
2211 BASIC TEXTILE PRODUCTS-----	8,635	7,072	1,499	64			
2212 TEXTILE FIBERS, NEC-----	180	1		179			
2311 APPAREL-----	869	665	66	138			
2416 WOOD CHIPS, STAVES, HOLDINGS-----	6	6					
2421 LUMBER-----	8,417	6,467	1,949	1			
2431 VENEER, PLYWOOD, WORKED WOOD-----	5,786	5,773		13			
2491 WOOD MANUFACTURES, NEC-----	2,843	2,693	112	36			

NEW ENGLAND DIVISION

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PORT OF BOSTON, MASS.--CONTINUED

FREIGHT TRAFFIC, 1946--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			LOCAL
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	COASTWISE SHIPMENTS	INTERNAL RECEIPTS	
2511 FURNITURE AND FIXTURES-----	11,805	10,662	66	1,077			
2611 PULP-----	176	2	174				
2621 STANDARD NEWSPRINT PAPER-----	2,418	253	2,145	20			
2631 PAPER AND PAPERBOARD-----	18,541	11,301	7,208	32			
2691 PULP AND PAPER PRODUCTS, NEC-----	4,398	1,491	728	2,179			
2711 PRINTED MATTER-----	2,282	1,738	478	66			
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	2,452	2,445	9				
2812 DYES, PIGMENT, TANNING MATS-----	473		473				
2813 ALCOHOLS-----	93	12	51	30			
2816 RADIOACTIVE MATERIALS, WASTES-----	1						
2819 BASIC CHEMICALS AND PROD, NEC-----	35,644	15,842	5,121	14,641			
2821 PLASTIC MATERIALS-----	11,838	6,227	3,480	131			
2822 SYNTHETIC RUBBER-----	633	270	60	353			
2823 SYNTHETIC (MAN-MADE) FIBERS-----	2,670	2,610	60				
2831 DRUGS-----	334	307	27				
2841 SOAP-----	1,708	1,290	418				
2851 PAINTS-----	8,421	8,113	264	44			
2861 GUM AND WOOD CHEMICALS-----	185	93	92				
2871 NITROGENOUS CHEM FERTILIZERS-----	8	8					
2873 PHOSPHATIC CHEM FERTILIZERS-----	17	17					
2876 INSECTICIDES, DISINFECTANTS-----	41		41				
2891 MISCELLANEOUS CHEMICAL PROD-----	1,792	1,005	501	286			
2911 GASOLINE-----	6,047,352	2,286,927	4	3,384,556	227,475		153,300
2912 JET FUEL-----	856,794	185,795		638,625	4,977		27,197
2913 KEROSENE-----	147,145	18,129	71	97,098	24,763		7,084
2914 DISTILLATE FUEL OIL-----	6,369,395	3,399,311		2,077,312	514,284		378,408
2915 RESIDUAL FUEL OIL-----	4,855,950	3,540,964		952,399	212,278		130,309
2916 LUBRICATING OILS AND GRAFSES-----	41,831	170	234	40,500	925		
2918 ASPHALT, TAR, AND PITCHES-----	218,778			218,778			
2921 LIQUEFIED GASES-----	737	76	656				
2991 PETROLEUM AND COAL PROD, NEC-----	51	45	6				
3011 RUBBER AND MISC PLASTIC PROD-----	7,305	4,865	1,239	1,201			
3111 LEATHER AND LEATHER PRODUCTS-----	11,999	8,353	974	2,672			
3211 GLASS AND GLASS PRODUCTS-----	6,308	4,661	141	1,306			
3241 BUILDING CEMENT-----	687,739	266,512		413,309	5,198		2,720
3251 STRUCTURAL CLAY PRODUCTS-----	19,125	12,639	29	6,457			
3281 CUT STONE AND STONE PRODUCTS-----	11,575	11,130	79	366			
3291 MISC NONMETALLIC MINERAL PROD-----	4,242	2,447	246	1,469	60		
3314 IRON AND STEEL PRIMARY FORMS-----	24	23	1				
3315 IRON, STEEL SHAPES, EXC SHEET-----	5,077	4,356	178	543			
3316 IRON AND STEEL PLATES, SHEETS-----	625		625				
3317 IRON AND STEEL PIPE AND TUBE-----	651	367	9	275			
3318 FERROALLOYS-----	54	54					
3319 IRON AND STEEL PRODUCTS, NEC-----	1,762	1,569	193				
3321 NONFERROUS METALS, NEC-----	1,066	915	151				
3322 COPPER ALLOYS, UNWORKED-----	5,443	4,735	193	515			
3323 LEAD AND ZINC, UNWORKED-----	54	30	24				
3324 ALUMINUM AND ALLOYS, UNWORKED-----	2,025	1,548	52	425			
3411 FABRICATED METAL PRODUCTS-----	14,794	11,766	1,907	1,121			
3511 MACHINERY, EXCEPT ELECTRICAL-----	26,213	21,506	2,775	1,732	200		
3611 ELECTRICAL MACH AND EQUIP-----	12,682	9,937	2,462	283			
3711 MOTOR VEHICLES, PARTS, EQUIP-----	114,213	114,066	155	12			
3721 AIRCRAFT AND PARTS-----	120	120					
3731 SHIPS AND BOATS-----	375	322	53				
3791 MISC TRANSPORTATION EQUIPMENT-----	494	485	9				
3811 INSTR, TIME, PHOTO, OPT GOODS-----	4,562	1,327	3,068	187			
3911 MISC MANUFACTURED PRODUCTS-----	12,215	10,458	833	924			
4011 IRON AND STEEL SCRAP-----	426,067		426,067				
4012 NONFERROUS METAL SCRAP-----	3,295		3,295				
4022 TEXTILE WASTE, SCRAP, SWEEP-----	1,715	27	1,688				
4024 PAPER WASTE AND SCRAP-----	19,559	1,579	17,890	90			
4112 COMMODITIES, NEC-----	338,992	1,242	935	229,694	106,795		126
9999 DEPARTMENT OF DEFENSE AND SCI-----	220		220				

MAIN WATERFRONT (INCLUDED IN PORT OF BOSTON)

SECTION INCLUDED: FROM A POINT IN PRESIDENT ROADS BETWEEN DEER ISLAND AND LONG ISLAND TO THE MOUTHS OF FT. POINT CHANNEL, CHARLES RIVER, RESERVED CHANNEL, MYSTIC RIVER, AND CHELSEA RIVER. CONTROLLING DEPTH: 37.9 FEET IN 40-FOOT CHANNEL TO OPPOSITE PIER NO. 49, 34.8 FEET IN THE 35-FOOT AREA AND 38.1 FEET IN THE PRESIDENT ROADS ANCHORAGE; 33.2 FEET IN THE 35 FOOT CHANNEL AND 35.0 FEET IN WATERFRONT CHANNEL AND 31.4 IN RESERVED CHANNEL. ALL AT MEAN LOW WATER. PROJECT DEPTHS: 35 AND 40 FEET FROM PRESIDENT ROADS TO THE MOUTH OF FT. POINT CHANNELS, CHARLES RIVER, RESERVED CHANNEL, AND CHELSEA RIVER; 40 FEET IN PRESIDENT ROADS ANCHORAGE AND ANCHORAGE EXTENSIONS; 35 FEET FROM MOUTH OF RESERVED CHANNEL TO L STREET BRIDGE. ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1977-----	9,152,231	626,671	14,690,286	1982-----	3,827,030	393,483	12,384,487
1978-----	10,195,640	236,249	14,246,342	1983-----	3,649,723	49,420	12,044,025
1979-----	10,344,597	258,214	14,558,606	1984-----	4,786,239	394,975	13,644,311
1980-----	7,413,905	113,235	13,266,774	1985-----	3,318,581	358,678	12,940,858
1981-----	5,694,053	360,637	13,287,868	1986-----	3,858,693	481,277	15,450,859

Waterborne Commerce of the United States, 1986

MAIN WATERFRONT (INCLUDED IN PORT OF BOSTON)--CONTINUED

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			LOCAL
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	SHIPMENTS	INTERNAL RECEIPTS	
TOTAL-----	3,858,693	3,132,122	77,034	345,106	97,748	13,440	193,241
0102 BARLEY AND RYE-----	2	2					
0119 OILSEEDS, NEC-----	7		7				
0122 HAY AND FOOD-----	14			14			
0129 FIELD CROPS, NEC-----	89	89					
0131 FRESH FRUITS-----	3,378	44	3,434				
0133 COFFEE-----	960	960					
0141 FRESH AND FROZEN VEGETABLES-----	122	122					
0161 ANIMALS AND PRODUCTS, NEC-----	3,915	3,457	458	176			
0191 MISCELLANEOUS FARM PRODUCTS-----	106	130		56			
0881 CRUDE RUBBER AND ALLIED GUMS-----	1,355	1,349	6				
0861 FOREST PRODUCTS, NEC-----	338	213	9	116			
0911 FRESH FISH, EXCEPT SHELLFISH-----	19,375	3,654	342	1,939		13,440	
0912 SHELLFISH, EXCEPT PREPARED-----	734	482	59	233			
0931 MARINE SHELLS, UNMANUFACTURED-----	6	6					
1011 IRON ORE AND CONCENTRATES-----	41	41					
1051 ALUMINUM ORES, CONCENTRATES-----	375	186	189				
1091 NONFERROUS ORES, CONCENT, NEC-----	356		356				
1121 COAL AND LIGNITE-----	12	12					
1442 SAND, GRAVEL, CRUSHED ROCK-----	168	168					
1451 CLAY-----	1,120	1,042	78				
1471 PHOSPHATE ROCK-----	1	1					
1491 SALT-----	5,346	5,346					
1494 GYPSUM, CRUDE AND PLASTERS-----	57	57					
1499 NONMETALLIC MINERALS, NEC-----	2,660	2,567	112	1			
1911 ORDNANCE AND ACCESSORIES-----	53	51	2				
2011 MEAT, FRESH, CHILLED, FROZEN-----	694			694			
2012 MEAT AND PRODUCTS, NEC-----	603	259	20	324			
2014 TALLOW, ANIMAL FATS AND OILS-----	880		680	200			
2015 ANIMAL BY-PRODUCTS, NEC-----	4,486	99	4,387				
2021 DAIRY PRODUCTS, NEC-----	1,224	731		493			
2031 FISH AND SHELLFISH, PREPARED-----	9,193	1,953	63	7,177			
2034 VEGETABLES AND PREP, NEC-----	5,432	4,153	46	1,233			
2039 PREP FRUIT AND VEG JUICE, NEC-----	10,737	10,294	428	15			
2042 ANIMAL FEEDS-----	2,718	2,507	171				
2049 GRAIN MILL PRODUCTS, NEC-----	3,294	3,146	24	124			
2061 SUGAR-----	21	21					
2062 MOLASSES-----	8,659	8,659					
2081 ALCOHOLIC BEVERAGES-----	97,000	94,949	224	1,827			
2091 VEGETABLE OILS, MARG, SHORT-----	1,632	1,027	30	575			
2092 ANIMAL OILS AND FATS, NEC-----	42						
2095 ICE-----	762	762					
2099 MISCELLANEOUS FOOD PRODUCTS-----	5,869	3,690	216	1,963			
2111 TOBACCO MANUFACTURES-----	19	1	18				
2211 BASIC TEXTILE PRODUCTS-----	8,625	7,062	1,499	64			
2212 TEXTILE FIBERS, NEC-----	180	1		179			
2311 APPAREL-----	850	646	66	138			
2416 WOOD CHIPS, STAVES, MOLDINGS-----	6	6					
2421 LUMBER-----	8,417	6,467	1,949	1			
2431 VENEER, PLYWOOD, WORKED WOOD-----	5,786	5,773		13			
2491 WOOD MANUFACTURES, NEC-----	2,832	2,684	112	36			
2511 FURNITURE AND FIXTURES-----	11,694	10,555	62	1,077			
2611 PULP-----	176	2	174				
2621 STANDARD NEWSPRINT PAPER-----	2,418	253	2,145	20			
2631 PAPER AND PAPERBOARD-----	18,521	11,241	7,204	32			
2691 PULP AND PAPER PRODUCTS, NEC-----	4,344	1,472	697	2,179			
2711 PRINTED MATTER-----	2,276	1,737	473	66			
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	2,452	2,443	9				
2812 DYES, PIGMENT, TANNING MATS-----	473		473				
2813 ALCOHOLS-----	93	12	51	30			
2816 RADIOACTIVE MATERIALS, WASTES-----	1	1					
2819 BASIC CHEMICALS AND PROD, NEC-----	17,538	10,589	5,121	1,828			
2821 PLASTIC MATERIALS-----	11,781	8,177	3,473	131			
2822 SYNTHETIC RUBBER-----	633	220	60	353			
2823 SYNTHETIC (MAN-MADE) FIBERS-----	2,632	2,572	60				
2831 DRUGS-----	334	307	27				
2841 SOAP-----	1,708	1,290	418				
2851 PAINTS-----	8,377	8,069	264	44			
2861 GUM AND WOOD CHEMICALS-----	185	93		92			
2871 NITROGENOUS CHEM FERTILIZERS-----	8	8					
2873 PHOSPHATIC CHEM FERTILIZERS-----	17	17					
2876 INSECTICIDES, DISINFECTANTS-----	41		41				
2891 MISCELLANEOUS CHEMICAL PROD-----	1,785	948	501	284			
2911 GASOLINE-----	498,056	457,747			17,984		22,317
2912 JET FUEL-----	45,001	34,908		2,130			7,963
2913 KEROSENE-----	71		71				
2914 DISTILLATE FUEL OIL-----	1,464,456	1,201,036		116,465	34,278		112,677
2915 RESIDUAL FUEL OIL-----	1,204,935	959,952		157,099	40,046		47,438
2916 LUBRICATING OILS AND GREASES-----	406	170	236				
2921 LIQUEFIED GASES-----	732	76	656				
2991 PETROLEUM AND COAL PROD, NEC-----	51	45	6				
3011 RUBBER AND MISC PLASTIC PROD-----	7,266	4,828	1,237	1,201			
3111 LEATHER AND LEATHER PRODUCTS-----	11,909	8,263	974	2,672			
3211 GLASS AND GLASS PRODUCTS-----	6,305	4,858	141	1,306			
3281 BUILDING CEMENT-----	20,950	13,032			5,198		2,720
3251 STRUCTURAL CLAY PRODUCTS-----	19,125	12,639	29	6,457			
3281 CUT STONE AND STONE PRODUCTS-----	11,575	11,130	79	366			
3291 MISC NONMETALLIC MINERAL PROD-----	4,233	2,458	246	1,469	60		
3314 IRON AND STEEL PRIMARY FORMS-----	24	23	1				
3315 IRON, STEEL SHAPES, EXC SHEET-----	5,077	4,356	178	543			
3316 IRON AND STEEL PLATES, SHEETS-----	625		625				
3317 IRON AND STEEL PIPE AND TUBE-----	646	362	9	275			
3318 FERROALLOYS-----	54	54					

NEW ENGLAND DIVISION

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MAIN WATERFRONT (INCLUDED IN PORT OF BOSTON)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			LOCAL
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	COASTWISE SHIPMENTS	INTERNAL RECEIPTS	
3319 IRON AND STEEL PRODUCTS, NEC	1,762	1,549	193				
3321 NONFERROUS METALS, NEC	1,066	915	151				
3322 COPPER ALLOYS, UNWORKED	5,441	4,733	193	515			
3323 LEAD AND ZINC, UNWORKED	54	30	24				
3324 ALUMINUM AND ALLOYS, UNWORKED	1,991	1,514	57	425			
3411 FABRICATED METAL PRODUCTS	14,779	11,751	1,907	1,121			
3511 MACHINERY, EXCEPT ELECTRICAL	25,246	21,604	2,580	1,132			
3611 ELECTRICAL MACH AND EQUIP	12,635	9,891	2,461	283			
3711 MOTOR VEHICLES, PARTS, EQUIP	114,097	113,999	86	12			
3721 AIRCRAFT AND PARTS	120	120					
3731 SHIPS AND BOATS	269	223	46				
3791 MISC TRANSPORTATION EQUIPMENT	490	495	9				
3811 INSTR, TIME, PHOTO, OPT GOODS	4,569	1,314	3,069	167			
3911 MISC MANUFACTURED PRODUCTS	12,144	11,387	85	124			
4011 IRON AND STEEL SCRAP	521		521				
4012 NONFERROUS METAL SCRAP	3,295		3,295				
4022 TEXTILE WASTE, SCRAP, SWEEP	1,715	27	1,688				
4024 PAPER WASTE AND SCRAP	19,559	1,579	17,890		90		
4112 COMMODITIES, NEC	28,606	1,219	926	26,247	88		126
9999 DEPARTMENT OF DEFENSE AND SCI	220		220				
TOTAL TON-MILES	97,969,788						

CHELSEA RIVER, MASS. (INCLUDED IN PORT OF BOSTON)

SECTION INCLUDED: FROM MOUTH TO ABOUT 2.6 MILES UPSTREAM, CONTROLLING DEPTH AT MID-CHANNEL; FROM HEARDLE BRIDGE TO CHELSEA STREET BRIDGE 34.2 FEET; FROM CHELSEA STREET BRIDGE TO TURNING BASIN 34.2 FEET. PROJECT DEPTH: 35 FEET AT MEAN LOW WATER FROM THE MOUTH OF THE RIVER TO UPSTREAM LIMIT.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	7,335,910	1982	7,836,898
1978	7,635,786	1983	7,913,352
1979	7,895,531	1984	8,336,378
1980	7,203,802	1985	9,219,014
1981	7,513,060	1986	11,411,589

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN IMPORTS	DOMESTIC		LOCAL
			COASTWISE RECEIPTS	COASTWISE SHIPMENTS	
TOTAL	11,411,589	5,307,101	4,738,546	765,845	600,097
0161 ANIMALS AND PRODUCTS, NEC	19	19			
1491 SALT	36,824	36,824			
1494 GYPSUM, CRUDE AND PLASTERS	118,301	118,301			
2034 VEGETABLES AND PREP, NEC	20	20			
2039 PREP FRUIT AND VEG JUICE, NEC	103	103			
2061 SUGAR	155,249	155,249			
2081 ALCOHOLIC BEVERAGES	121	121			
2211 BASIC TEXTILE PRODUCTS	1	1			
2311 APPAREL	4	4			
2491 WOOD MANUFACTURES, NEC	9	9			
2511 FURNITURE AND FIXTURES	11	11			
2711 PRINTED MATTER	1	1			
2819 BASIC CHEMICALS AND PROD, NEC	27	27			
2821 PLASTIC MATERIALS	50	50			
2823 SYNTHETIC (MAN-MADE) FIBERS	38	38			
2851 PAINTS	44	44			
2911 GASOLINE	4,009,403	1,281,103	2,435,341	109,121	143,838
2912 JET FUEL	460,699	150,887	277,638	4,977	27,197
2913 KEROSENE	123,074	18,129	78,594	19,067	7,084
2914 DISTILLATE FUEL OIL	3,872,825	1,791,377	1,340,157	431,377	309,914
2915 RESIDUAL FUEL OIL	2,535,902	1,697,344	566,516	159,978	112,064
2916 LUBRICATING OILS AND GREASES	41,425		40,500	925	
3011 RUBBER AND MISC PLASTIC PROD	5	5			
3111 LEATHER AND LEATHER PRODUCTS	29	29			
3201 BUILDING CEMENT	57,227	57,227			
3317 IRON AND STEEL PIPE AND TUBE	5	5			
3322 COPPER ALLOYS, UNWORKED	2	2			
3324 ALUMINUM AND ALLOYS, UNWORKED	2	2			
3411 FABRICATED METAL PRODUCTS	5	5			
3511 MACHINERY, EXCEPT ELECTRICAL	19	19			
3611 ELECTRICAL MACH AND EQUIP	40	40			
3711 MOTOR VEHICLES, PARTS, EQUIP	23	23			
3811 INSTR, TIME, PHOTO, OPT GOODS	11	13			
3911 MISC MANUFACTURED PRODUCTS	65	65			
4112 COMMODITIES, NEC	4	4			
TOTAL TON-MILES	30,776,199				

Waterborne Commerce of the United States, 1986

MYSTIC RIVER, MASS. (INCLUDED IN PORT OF BOSTON)

SECTION INCLUDED: FROM MOUTH OF RIVER TO BOSTON EDISON FACILITY, THENCE UPSTREAM ABOUT 800 FEET. CONTROLLING DEPTH: FROM MYSTIC BRIDGE TO UPSTREAM END OF REVERE SUGAR REFINERY DOCK 34.3 FEET; FROM REVERE SUGAR REFINERY DOCK TO UPSTREAM LIMIT OF 35 FOOT CHANNEL, 33.7 FEET IN MAINTAINED PORTIONS; 13 FEET IN 20-FOOT CHANNEL. PROJECT DEPTH: CHANNEL 35 FEET DEEP EXTENDING FROM THE UPPER LIMIT IN 35-FOOT CHANNEL OF BOSTON HARBOR TO 100 FEET DOWNSTREAM OF WALDEN BRIDGE; THENCE 20 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	ADDITIONAL THROUGH TRAFFIC (TONS)
1977-----	4,052,289	67,200	1982-----	4,967,335	-----
1978-----	7,254,365	84,530	1983-----	4,438,450	-----
1979-----	1,478,549	70,625	1984-----	5,833,065	-----
1980-----	6,809,595	60,000	1985-----	5,978,579	-----
1981-----	6,325,473	-----	1986-----	4,645,197	-----

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	RECEIPTS	
TOTAL-----	4,645,197	1,419,117	426,107	2,477,230	167,562	22,500	132,681
9161 ANIMALS AND PRODUCTS, NEC-----	140	140	-----	-----	-----	-----	-----
9911 FRESH FISH, EXCEPT SHELLFISH-----	61,291	38,789	2	-----	-----	22,500	-----
0312 SHELLFISH, EXCEPT PREPARED-----	1,439	1,371	68	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	41	41	-----	-----	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	65	65	-----	-----	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	62	62	-----	-----	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	2,264	2,239	25	-----	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	14	14	-----	-----	-----	-----	-----
2041 WHEAT FLOUR AND SEMOLINA-----	22	-----	22	-----	-----	-----	-----
2042 ANIMAL FEEDS-----	270	3	267	-----	-----	-----	-----
2061 SUGAR-----	11,200	-----	-----	11,200	-----	-----	-----
2062 MOLASSES-----	6	-----	4	-----	-----	-----	-----
2092 ANIMAL OILS AND FATS, NEC-----	18	18	-----	-----	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	85	83	2	-----	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	9	9	-----	-----	-----	-----	-----
2311 APPAREL-----	15	15	-----	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	2	2	-----	-----	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	100	96	4	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	20	20	-----	-----	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	50	19	31	-----	-----	-----	-----
2711 PRINTED MATTER-----	5	-----	5	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	12,845	12	-----	12,813	-----	-----	-----
2821 PLASTIC MATERIALS-----	7	-----	7	-----	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	7	7	-----	-----	-----	-----	-----
2911 GASOLINE-----	647,914	29,363	-----	594,849	10,794	-----	12,908
2912 JET FUEL-----	361,955	-----	-----	351,961	-----	-----	9,994
2913 KEROSENE-----	20,136	-----	-----	18,704	1,432	-----	-----
2914 DISTILLATE FUEL OIL-----	853,810	269,904	-----	471,128	48,629	-----	64,149
2915 RESIDUAL FUEL OIL-----	1,104,014	840,261	-----	180,843	-----	-----	42,910
2918 ASPHALT, TAR, AND PITCHES-----	218,778	-----	-----	218,778	-----	-----	-----
3011 RUBBER AND MISC PLASTIC PROD-----	34	32	2	-----	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	49	49	-----	-----	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	3	3	-----	-----	-----	-----	-----
3241 BUILDING CEMENT-----	612,282	196,253	-----	413,309	-----	-----	2,720
3291 MISC NONMETALLIC MINERAL PROD-----	9	9	-----	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	32	32	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	10	10	-----	-----	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	94	3	95	-----	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	7	6	1	-----	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	93	44	49	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	106	99	7	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	6	6	-----	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	425,505	-----	425,505	-----	-----	-----	-----
4112 COMMODITIES, NEC-----	310,379	18	9	203,645	106,707	-----	-----
TOTAL TON-MILES,-----	4,694,669.	-----	-----	-----	-----	-----	-----

WYOMOUTH FOLE RIVER, MASS. (INCLUDED IN PORT OF BOSTON)

SECTION INCLUDED: FROM MOUTH TO HEAD OF NAVIGATION. CONTROLLING DEPTH: 34 FEET IN THE 35-FOOT CHANNEL EXCEPT 30.3 FEET AT SIPHON OPPOSITE KING COVE. ORIGINAL SIPHON HAS BEEN REPLACED. NEW SIPHON IS BELOW PROJECT DEPTH. PROJECT DEPTH: 35 FEET FROM DEEP WATER IN BOSTON HARBOR VIA NANTUCKET GUT AND HINGHAM BAY TO A POINT ABOUT 2,500 FEET ABOVE FOLE RIVER BRIDGE; 27 FEET IN CHANNEL BETWEEN HUT AND PEDDOCKS ISLANDS.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1977-----	1,741,508	158,276	482,357	1982-----	1,007,783	533	303,752
1978-----	1,416,530	7,504	459,182	1983-----	1,156,613	-----	572,713
1979-----	1,191,895	2,711	335,232	1984-----	1,296,488	85,262	621,486
1980-----	1,054,736	386	529,097	1985-----	1,008,905	93,274	114,004
1981-----	1,146,066	64,573	367,306	1986-----	1,490,723	96,604	75,432

NEW ENGLAND DIVISION

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WYOMOUTH FORD RIVER, MASS. (INCLUDED IN PORT OF BOSTON)--CONTINUED

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN	DOMESTIC		LOCAL
		IMPORTS	RECEIPTS	SHIPMENTS	
TOTAL-----	1,490,723	727,341	529,345	60,890	173,147
0161 ANIMALS AND PRODUCTS, NEC-----	11	11	-----	-----	-----
2091 VEGETABLE OILS, MARG, SHORT-----	42,968	42,968	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	5,234	5,234	-----	-----	-----
2911 GASOLINE-----	975,762	510,714	354,366	44,572	50,110
2912 JET FUEL-----	7,096	-----	7,096	-----	-----
2913 KEROSENE-----	3,864	-----	-----	3,864	-----
2914 DISTILLATE FUEL OIL-----	369,323	136,994	119,942	-----	112,387
2915 RESIDUAL FUEL OIL-----	86,252	23,407	47,941	12,254	2,650
3111 LEATHER AND LEATHER PRODUCTS-----	12	12	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	200	-----	-----	200	-----
4112 COMMODITIES, NEC-----	1	1	-----	-----	-----
TOTAL TON-MILES, 12,450,392.					

CAPE COD CANAL, MASS.

SECTION INCLUDED: ENTIRE LENGTH 17.5 MILES; EXTENDING FROM THE OUTER END OF THE NORTHERLY BREAKWATER IN CAPE COD BAY TO A POINT IN BUZZARDS BAY ABOUT 5 MILES SOUTHWEST OF NINGS NECK LIGHT. CONTROLLING DEPTH: 32 FEET IN THE LAND CUT; 32 FEET IN HOG ISLAND CHANNEL; 32 FEET IN CLEVELAND LEDGE CHANNEL, 24.1 FEET IN EAST MOORING BASIN AND 29.4 FEET IN WEST MOORING BASIN. PROJECT CHANNEL DEPTH: 32 FEET AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	11,281,127	8,711	1982-----	15,244,821	-----
1978-----	12,226,610	1,435	1983-----	14,832,721	-----
1979-----	11,247,610	497	1984-----	16,431,703	60,328
1980-----	13,459,452	19,608	1985-----	14,539,425	28,774
1981-----	12,435,740	10,637	1986-----	15,814,429	13,314

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMUNITY	TOTAL	FOREIGN		DOMESTIC	
		EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND
TOTAL-----	15,814,429	606,528	2,501,240	11,072,118	1,634,543
0122 HAY AND FODDER-----	14	-----	-----	14	-----
0161 ANIMALS AND PRODUCTS, NEC-----	126	-----	-----	126	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	56	-----	-----	56	-----
0861 FOREST PRODUCTS, NEC-----	116	-----	-----	116	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	14,436	3,001	9,496	1,939	-----
0912 SHELLFISH, EXCEPT PREPARED-----	233	-----	-----	233	-----
1011 IRON ORE AND CONCENTRATES-----	8,000	-----	-----	8,000	-----
1121 COAL AND LIGNITE-----	193,748	-----	-----	193,748	-----
1491 SALT-----	43,962	-----	43,962	-----	-----
1494 GYPSUM, CRUDE AND PLASTERS-----	97,746	-----	97,746	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	1	-----	-----	1	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	694	-----	-----	694	-----
2012 MEAT AND PRODUCTS, NEC-----	324	-----	-----	324	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	200	-----	-----	200	-----
2021 DAIRY PRODUCTS, NEC-----	493	-----	-----	493	-----
2031 FISH AND SHELLFISH, PREPARED-----	7,177	-----	-----	7,177	-----
2034 VEGETABLES AND PREP, NEC-----	1,233	-----	-----	1,233	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	15	-----	-----	15	-----
2049 GRAIN MILL PRODUCTS, NEC-----	124	-----	-----	124	-----
2081 ALCOHOLIC BEVERAGES-----	1,827	-----	-----	1,827	-----
2091 VEGETABLE OILS, MARG, SHORT-----	13,875	-----	13,300	575	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	1,626	-----	-----	1,626	-----
2211 BASIC TEXTILE PRODUCTS-----	64	-----	-----	64	-----
2212 TEXTILE FIBERS, NEC-----	179	-----	-----	179	-----
2311 APPAREL-----	138	-----	-----	138	-----
2421 LUMBER-----	10,603	10,527	-----	1	75
2431 VENEER, PLYWOOD, WORKED WOOD-----	13	-----	-----	13	-----
2491 WOOD MANUFACTURES, NEC-----	36	-----	-----	36	-----
2511 FURNITURE AND FIXTURES-----	1,077	-----	-----	1,077	-----
2621 STANDARD NEWSPRINT PAPER-----	20	-----	-----	20	-----
2631 PAPER AND PAPERBOARD-----	12,932	12,900	-----	32	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	2,179	-----	-----	2,179	-----
2711 PRINTED MATTER-----	66	-----	-----	66	-----
2813 ALCOHOLS-----	30	-----	-----	30	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	14,641	-----	-----	14,641	-----
2821 PLASTIC MATERIALS-----	131	-----	-----	131	-----
2822 SYNTHETIC RUBBER-----	353	-----	-----	353	-----
2851 PAINTS-----	44	-----	-----	44	-----
2861 GUM AND WOOD CHEMICALS-----	92	-----	-----	92	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	286	-----	-----	286	-----
2911 GASOLINE-----	6,428,508	130,676	78,613	5,748,330	466,881
2912 JET FUEL-----	764,247	55,177	-----	676,126	32,944
2913 KEROSENE-----	144,843	-----	-----	138,720	6,123
2914 DISTILLATE FUEL OIL-----	2,510,565	47,652	34,235	1,848,087	360,611
2915 RESIDUAL FUEL OIL-----	3,029,780	124,151	1,468,004	1,048,973	386,652
2916 LUBRICATING OILS AND GREASES-----	41,425	-----	-----	40,500	925

Waterborne Commerce of the United States, 1986

CAPE COD CANAL, MASS.--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC	
		EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND
2917 NAPHTHA, PETROLEUM SOLVENTS-----	22,648	-----	-----	11,324	11,324
2918 ASPHALT, TAR, AND BITUMENS-----	445,303	3,843	42,549	398,911	-----
2991 PETROLEUM AND COAL PROD, NEC-----	20,838	-----	-----	7,538	13,300
3011 RUBBER AND MISC PLASTIC PROD-----	1,201	-----	-----	1,201	-----
3111 LEATHER AND LEATHER PRODUCTS-----	2,672	-----	-----	2,672	-----
3211 GLASS AND GLASS PRODUCTS-----	1,306	-----	-----	1,306	-----
3241 BUILDING CEMENT-----	530,850	-----	8,160	463,408	59,282
3251 STRUCTURAL CLAY PRODUCTS-----	6,457	-----	-----	6,457	-----
3281 CUT STONE AND STONE PRODUCTS-----	366	-----	-----	366	-----
3291 MISC NONMETALLIC MINERAL PROD-----	1,529	-----	-----	1,469	60
3315 IRON, STEEL SHAPES, EXC SHEET-----	543	-----	-----	543	-----
3317 IRON AND STEEL PIPE AND TUBE-----	275	-----	-----	275	-----
3322 COPPER ALLOYS, UNWORKED-----	515	-----	-----	515	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	425	-----	-----	425	-----
3411 FABRICATED METAL PRODUCTS-----	1,772	-----	-----	1,772	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	2,352	-----	-----	1,732	620
3611 ELECTRICAL MACH AND EQUIP-----	283	-----	-----	283	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	30,519	14,300	12,852	3,367	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	187	-----	-----	187	-----
3911 MISC MANUFACTURED PRODUCTS-----	924	-----	-----	924	-----
4011 IRON AND STEEL SCRAP-----	53,195	30,935	22,760	-----	-----
4024 PAPER WASTE AND SCRAP-----	90	-----	-----	-----	90
4112 COMMODITIES, NEC-----	1,545,901	173,386	670,063	406,796	293,656
TOTAL TON-MILES, 282,583,010.					

NEW BEDFORD AND FAIRHAVEN HARBOR, MASS.

SECTION INCLUDED: NEW BEDFORD HARBOR NORTH OF PALMER ISLAND LIGHT AND ACUSHNET RIVER TO ABOVE THE ROUTE 6 BRIDGE. CONTROLLING DEPTH: 27.4 FEET; BRANCH CHANNELS RANGE FROM 9 TO 25 FEET. PROJECT DEPTH: 30 FEET IN ENTRANCE CHANNEL, MANEUVERING AREA NORTHWEST OF PALMER'S ISLAND AND TURNING BASIN ABOVE FISH ISLAND. BRANCH CHANNELS RANGE FROM 10 TO 25 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	254,068	13,196	1982-----	214,170	11,629
1978-----	226,198	11,497	1983-----	264,268	11,640
1979-----	198,205	10,798	1984-----	264,089	12,521
1980-----	228,516	36,860	1985-----	351,449	12,100
1981-----	243,611	10,945	1986-----	345,893	11,979

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
TOTAL-----	345,893	47,053	2,795	211,684	7,819	33,700	1
0103 CORN-----	3	3	-----	-----	-----	-----	-----
0131 FRESH FRUITS-----	27,837	27,837	-----	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	89	89	-----	-----	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	461	461	-----	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	45,859	12,006	153	-----	-----	33,700	-----
0912 SHELLFISH, EXCEPT PREPARED-----	1,917	631	1,286	-----	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	26	23	3	-----	-----	-----	-----
2021 DAIRY PRODUCTS, NEC-----	206	203	3	-----	-----	-----	-----
2022 DRIED MILK AND CREAM-----	1	1	-----	-----	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	714	465	249	-----	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	159	157	2	-----	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	3,292	3,292	-----	-----	-----	-----	-----
2041 WHEAT FLOUR AND SEMOLINA-----	16	-----	16	-----	-----	-----	-----
2042 ANIMAL FEEDS-----	258	-----	258	-----	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	47	47	-----	-----	-----	-----	-----
2081 ALCOHOLIC BEVERAGES-----	459	459	-----	-----	-----	-----	-----
2091 VEGETABLE OILS, MARG, SHORT-----	21	21	-----	-----	-----	-----	-----
2095 ICE-----	4	4	-----	-----	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	168	137	31	-----	-----	-----	-----
2111 TOBACCO MANUFACTURES-----	5	5	-----	-----	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	313	104	209	-----	-----	-----	-----
2212 TEXTILE FIBERS, NEC-----	37	37	-----	-----	-----	-----	-----
2311 APPAREL-----	10	10	-----	-----	-----	-----	-----
2414 TIMBER, POSTS, POLES, PILING-----	6	-----	-----	2	2	-----	1
2421 LUMBER-----	62	-----	60	-----	1	-----	1
2491 WOOD MANUFACTURES, NEC-----	51	44	5	-----	2	-----	-----
2511 FURNITURE AND FIXTURES-----	7	2	5	-----	-----	-----	-----
2611 PULP-----	44	-----	44	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	1	-----	1	-----	-----	-----	-----
2711 PRINTED MATTER-----	1	-----	1	-----	-----	-----	-----
2812 DYES, PIGMENT, TANNING MATS-----	1	-----	1	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	19	4	15	-----	-----	-----	-----
2821 PLASTIC MATERIALS-----	45	21	24	-----	-----	-----	-----
2822 SYNTHETIC RUBBER-----	12	-----	12	-----	-----	-----	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	18	-----	18	-----	-----	-----	-----
2841 SOAP-----	17	13	4	-----	-----	-----	-----
2851 PAINTS-----	7	-----	7	-----	-----	-----	-----

NEW ENGLAND DIVISION

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NEW BEDFORD AND FAIRHAVEN HARBOR, MASS.--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2891 MISCELLANEOUS CHEMICAL PROD-----	3	-----	3	-----	-----	-----	-----	-----
2911 GASOLINE-----	778	-----	-----	778	-----	-----	-----	-----
2914 DISTILLATE FUEL OIL-----	130,789	-----	-----	88,662	-----	-----	-----	42,127
2915 RESIDUAL FUEL OIL-----	130,222	-----	-----	122,192	7,328	-----	-----	712
2916 LUBRICATING OILS AND GREASES-----	193	193	-----	-----	-----	-----	-----	-----
3011 RUBBER AND MISC PLASTIC PROD-----	14	6	8	14	-----	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	115	115	-----	-----	-----	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	9	-----	9	-----	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	2	2	-----	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	20	20	-----	-----	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	64	64	-----	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	271	247	24	-----	-----	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	122	71	51	-----	-----	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	69	43	26	-----	-----	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	109	7	102	-----	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	180	105	75	-----	-----	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	3	-----	3	-----	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	104	104	-----	-----	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SHEEP-----	2	-----	2	-----	-----	-----	-----	-----
4112 COMMODITIES, NEC-----	631	-----	85	60	486	-----	-----	-----

FALL RIVER HARBOR, MASS.

SECTION INCLUDED: FROM THE RAILROAD BRIDGE BETWEEN AQUIDNECK ISLAND AND TIVERTON IN A NORTHERLY DIRECTION TO TRESTLE PIER LIGHT IN THE TAUNTON RIVER. CONTROLLING DEPTH: 33 FEET WITH SHOALING ON LIMITS IN THE 35-FOOT CHANNEL. 400 FEET WIDE THROUGH MOUNT HOPE BAY TO THE BRAGA BRIDGE; THENCE 28 FEET IN THE 35-FOOT CHANNEL TO THE WHARVES ABOVE THE BRIDGE; 31.1 FEET IN THE 35-FOOT TURNING BASIN. PROJECT DEPTH: 40 FEET IN CHANNEL AND TURNING BASIN; 40 FEET ON LOWER END OF HUG ISLAND SHOAL; DREDGED TO 35 FEET; 40 FOOT PROJECT INACTIVE

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	5,285,473	-----	1982-----	2,927,822	-----
1978-----	4,820,427	60	1983-----	3,234,939	-----
1979-----	4,798,674	-----	1984-----	4,961,823	-----
1980-----	4,804,481	-----	1985-----	4,198,368	-----
1981-----	3,635,123	-----	1986-----	5,438,191	-----

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	5,438,191	741,023	219	4,218,456	166,405	132,581	166,867	10,640
0841 CRUDE RUBBER AND ALLIED GUMS-----	17,247	17,247	-----	-----	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	2,049	29	-----	-----	-----	2,020	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	441	-----	-----	-----	-----	441	-----	-----
1121 COAL AND LIGNITE-----	2,667,986	-----	-----	2,667,986	-----	-----	-----	-----
2810 SODIUM HYDROXIDE-----	7,572	-----	-----	7,572	-----	-----	-----	-----
2818 SULPHURIC ACID-----	12,400	-----	-----	12,400	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	10,463	10,463	-----	-----	-----	-----	-----	-----
2911 GASOLINE-----	1,121,130	4,276	-----	1,069,316	13,628	25,423	8,487	-----
2912 JET FUEL-----	20,389	14,344	-----	6,045	-----	-----	-----	-----
2913 KEROSENE-----	71,935	-----	-----	44,364	16,754	-----	10,817	-----
2914 DISTILLATE FUEL OIL-----	916,362	304,177	-----	239,530	130,813	101,195	130,007	10,640
2915 RESIDUAL FUEL OIL-----	562,849	390,487	-----	152,104	-----	3,102	17,156	-----
2916 LUBRICATING OILS AND GREASES-----	6,848	-----	-----	6,848	-----	-----	-----	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	19,581	-----	-----	12,331	7,210	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	219	-----	219	-----	-----	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	600	-----	-----	-----	-----	400	400	-----
TOTAL TON-MILES, 42,563,480.								

NEWPORT HARBOR, R. I.

SECTION INCLUDED: THE EAST SHORE FROM A POINT OPPOSITE IDA LEWIS LIGHT TO A POINT OPPOSITE THE NORTH END OF GOAT ISLAND. CONTROLLING DEPTH: 21-FOOT MAIN CHANNEL, 19.8 FEET OVER 3/4 OF ITS WIDTH (1984). OTHER CHANNELS RANGE FROM 11 TO 17 FEET (1984). PROJECT DEPTH: CHANNELS, 21 AND 18 FEET, ANCHORAGE AREAS 13 AND 18 FEET. ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	25,949	4,062	1982-----	18,967	15,630
1978-----	49,255	1,964	1983-----	34,651	3,020
1979-----	77,640	1,466	1984-----	68,804	1,336
1980-----	72,641	2,300	1985-----	73,853	542
1981-----	71,948	118,972	1986-----	273,890	66,170

Waterborne Commerce of the United States, 1986

NEWPORT HARBOR, R. I.--CONTINUED

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN	DOMESTIC	
		IMPORTS	SHIPMENTS	RECEIPTS
TOTAL-----	273,898	261,266	1,949	10,683
0911 FRESH FISH, EXCEPT SHELLFISH-----	10,516	-----	-----	10,516
1491 SALT-----	22,046	22,046	-----	-----
2911 GASOLINE-----	17,243	15,294	1,949	-----
2914 DISTILLATE FUEL OIL-----	17,767	17,600	-----	167
2915 RESIDUAL FUEL OIL-----	69,500	69,500	-----	-----
3241 BUILDING CEMENT-----	87,182	87,182	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	23	23	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	89	89	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	10	10	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	49,467	49,467	-----	-----
3731 SHIPS AND BOATS-----	13	13	-----	-----
4112 COMMODITIES, NEC-----	42	42	-----	-----
TOTAL TON-MILES, 273,898.				

PROVIDENCE RIVER AND HARBOR, R. I.

SECTION INCLUDED: THE UPPER PART OF THE HARBOR FROM POPHAM ROCKS LIGHT TO FOX POINT. CONTROLLING DEPTH: 35.4 FEET IN THE 40-FOOT CHANNEL FROM ASBEAT NORTH POINT TO SARIN POINT LIGHT; THENCE 30.3 FEET FROM SABIN POINT TO HEAD OF HARBOR. PROJECT DEPTH: AT MEAN LOW WATER, 40 FEET TO FOX POINT.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC		YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC	
			THROUGH TRAFFIC (TONS)	AUTOMOBILES ACCOMPANYING PASSENGERS				THROUGH TRAFFIC (TONS)	AUTOMOBILES ACCOMPANYING PASSENGERS
1977-----	8,624,315	27,326	18,169	296	1982-----	6,562,453	34,803	-----	229
1978-----	8,459,495	24,660	-----	240	1983-----	5,673,164	24,764	19,366	264
1979-----	9,579,917	29,644	-----	93	1984-----	6,187,536	-----	-----	-----
1980-----	7,509,253	31,304	-----	216	1985-----	6,741,834	21,414	-----	-----
1981-----	7,043,882	31,262	-----	222	1986-----	7,496,002	25,942	-----	-----

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	INTERNAL				
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	7,496,002	2,287,905	499,192	3,836,733	201,908	349,110	116,852	204,302
0841 CRUDE RUBBER AND ALLIED GUMS-----	8,029	8,029						
0911 FRESH FISH, EXCEPT SHELLFISH-----	24					24		
1091 NONFERROUS ORES, CONCENT, NEC-----	7		7					
1491 SALT-----	169,563	169,563						
2034 VEGETABLES AND PREP, NEC-----	3	3						
2091 VEGETABLE OILS, MARG, SHORT-----	9,950	9,950						
2421 LUMBER-----	60,476	60,476						
2819 BASIC CHEMICALS AND PROD, NEC-----	44,556	44,556						
2821 PLASTIC MATERIALS-----	25	25						
2911 GASOLINE-----	2,594,222	713,943		1,793,908	30,848	10,396	25,423	19,664
2912 JET FUEL-----	52,223	4,798		47,425				
2913 KEROSENE-----	38,583	10,963		14,243		10,817		2,560
2914 DISTILLATE FUEL OIL-----	2,131,811	689,731		893,420	108,122	205,648	75,396	159,494
2915 RESIDUAL FUEL OIL-----	727,591	11,497		600,394	45,733	32,349	16,033	21,585
2916 LUBRICATING OILS AND GREASES-----	14,605			14,605				
2917 NAPHTHA, PETROLEUM SOLVENTS-----	53,577			53,577				
2918 ASPHALT, TAR, AND PITCHES-----	257,380	20,276		237,104				
2921 LIQUEFIED GASES-----	139,289	139,289						
3011 RUBBER AND MISC PLASTIC PROD-----	3	3						
3241 BUILDING CEMENT-----	473,940	184,277		182,057	16,731	69,476		999
3251 STRUCTURAL CLAY PRODUCTS-----	10,537	10,537						
3314 IRON AND STEEL PRIMARY FORMS-----	138	138						
3315 IRON, STEEL SHAPES, EXC SHEET-----	121,029	121,029						
3316 IRON AND STEEL PLATES, SHEETS-----	4,935	4,935						
3317 IRON AND STEEL PIPE AND TUBE-----	6,307	6,307						
3319 IRON AND STEEL PRODUCTS, NEC-----	21	21						
3511 MACHINERY, EXCEPT ELECTRICAL-----	608	608						
3611 ELECTRICAL MACH AND EQUIP-----	15	15						
3711 MOTOR VEHICLES, PARTS, EQUIP-----	76,602	76,580	22					
3721 AIRCRAFT AND PARTS-----	27		27					
3731 SHIPS AND BOATS-----	22	22						
3791 MISC TRANSPORTATION EQUIPMENT-----	23		23					
3911 MISC MANUFACTURED PRODUCTS-----	4	4						
4011 IRON AND STEEL SCRAP-----	498,454		498,454					
4012 NONFERROUS METAL SCRAP-----	659		659					
4112 COMMODITIES, NEC-----	764	330			434			
TOTAL TON-MILES, 65,918,568.								

NEW ENGLAND DIVISION

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NEW LONDON HARBOR, CONN.

SECTION INCLUDED: THE UPPER 2.2 MILES OF THE HARBOR TO OPPOSITE THE STATE PIER, INCLUDING SHAW'S COVE AND WINTHROP COVE. CONTROLLING DEPTH: 38 FEET IN MAIN CHANNEL WITH SHOALING NEAR LIMITS; 20.1 FEET IN WATERFRONT CHANNEL. BRANCH CHANNELS RANGE FROM 13 TO 20 FEET. PROJECT DEPTH: 40 FEET IN MAIN CHANNEL (OPENED BY U. S. NAVY), 23 FEET IN CHANNEL ALONG NEW LONDON WATERFRONT, BRANCH CHANNELS RANGE FROM 15 TO 23 FEET. ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC		YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC	
			THROUGH TRAFFIC (TONS)	AUTOMOBILES ACCOMPANYING PASSENGERS				THROUGH TRAFFIC (TONS)	AUTOMOBILES ACCOMPANYING PASSENGERS
1977-----	2,649,757	339,032	424,833	95,629	1982-----	686,006	351,947	559,216	130,808
1978-----	2,839,429	331,339	379,305	97,665	1983-----	612,703	208,537	495,072	61,785
1979-----	3,157,705	229,915	328,207	66,550	1984-----	694,069	303,697	544,356	109,515
1980-----	2,529,841	267,226	517,171	68,844	1985-----	506,283	372,615	521,742	193,961
1981-----	1,782,208	180,718	418,514	35,765	1986-----	473,325	504,863	427,414	268,104

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
TOTAL-----	473,325	211,271	1,918	230,316	3,320	26,500
0129 FIELD CROPS, NEC-----	11	11				
1911 ORNANCE AND ACCESSORIES-----	20	20				
2062 MOLASSES-----	42,879	42,879				
2091 VEGETABLE OILS, MARG, SHORT-----	1,100				1,100	
2211 BASIC TEXTILE PRODUCTS-----	4	4				
2411 LOGS-----	80	80				
2421 LUMBER-----	5,395	5,395				
2431 VENEER, PLYWOOD, WORKED WOOD-----	13,371	13,371				
2611 PULP-----	16,431	16,431				
2621 STANDARD NEWSPRINT PAPER-----	1,240	1,240				
2631 PAPER AND PAPERBOARD-----	3,857	3,857				
2691 PULP AND PAPER PRODUCTS, NEC-----	1,915	1,915				
2810 SODIUM HYDROXIDE-----	7,445			7,445		
2818 SULPHURIC ACID-----	34,265			7,765		26,500
2819 BASIC CHEMICALS AND PROD, NEC-----	45,807	45,807				
2841 SOAP-----	1		1			
2913 KEROSENE-----	3,122			3,122		
2914 DISTILLATE FUEL OIL-----	185,673	33,389		152,284		
2915 RESIDUAL FUEL OIL-----	59,510			59,510		
3011 RUBBER AND MISC PLASTIC PROD-----	34	34				
3315 IRON, STEEL SHAPES, EXC SHEET-----	262	262				
3317 IRON AND STEEL PIPE AND TUBE-----	155	155				
3319 IRON AND STEEL PRODUCTS, NEC-----	2	2				
3321 NONFERROUS METALS, NEC-----	12	12				
3322 COPPER ALLOYS, UNWORKED-----	45,245	45,245				
3323 LEAD AND ZINC, UNWORKED-----	1,811	1,811				
3411 FABRICATED METAL PRODUCTS-----	954	912		21	21	
3511 MACHINERY, EXCEPT ELECTRICAL-----	412	328		84		
3711 MOTOR VEHICLES, PARTS, EQUIP-----	19	19				
3731 SHIPS AND BOATS-----	7	7				
4112 COMMODITIES, NEC-----	2,286		2	85	2,199	
TOTAL TON-MILES,-----	2,894,679.					

THAMES RIVER, CONN.

SECTION INCLUDED: FROM A POINT OPPOSITE THE STATE PIER AT NEW LONDON TO NORWICH, CT. CONTROLLING DEPTH: 36.0 FEET TO UPSTREAM END OF U. S. SUBMARINE BASE; THENCE GENERALLY 25.0 FEET IN MIDDLE HALF OF 25 FOOT CHANNEL TO ALLYN POINT; THENCE 18.3 FEET TO 1,500 FEET ABOVE POQUETANUK COVE; THEN 18 FEET UPSTREAM TO NORWICH DIKE; THENCE 11 FEET TO UPSTREAM LIMIT OF PROJECT. CHANNEL WIDENED AND DEEPE-
ENED TO 38 FEET DEPTH TO UPSTREAM END OF U. S. SUBMARINE BASE. PROJECT DEPTH: ELSEWHERE IN REACH: 25 FEET TO NORWICH.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	654,627	56,556	1982-----	623,837	-----
1978-----	668,149	48,552	1983-----	567,982	154
1979-----	610,186	-----	1984-----	549,891	-----
1980-----	744,562	-----	1985-----	521,742	-----
1981-----	546,907	-----	1986-----	627,414	1,794

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	COASTWISE
	RECEIPTS
TOTAL-----	427,414
2819 BASIC CHEMICALS AND PROD, NEC-----	38,491
2913 KEROSENE-----	1,289

Waterborne Commerce of the United States, 1986

THAMES RIVER, CONN.--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY		COASTWISE
		RECEIPTS
2014 DISTILLATE FUEL OIL-----		87,470
2015 RESIDUAL FUEL OIL-----		300,164
TOTAL TON-MILES:	2,414,348.	

CONNECTICUT RIVER BELOW HARTFORD, CONN.

SECTION INCLUDED: SAYBROOK TO HARTFORD, CT., 52 MILES. CONTROLLING DEPTH: GENERALLY 13.5 FEET TO HARTFORD, CT., AT MEAN LOW WATER. PROJECT DEPTH: 15 FEET AT MEAN LOW WATER, SAYBROOK TO HARTFORD. NAVIGATION SEASON: USUALLY MARCH 15 TO DECEMBER 15.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC	YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC
			AUTOMOBILES ACCOMPANYING PASSENGERS				AUTOMOBILES ACCOMPANYING PASSENGERS
1977-----	2,171,256	295,476	98,124	1982-----	1,545,637	186,440	91,029
1978-----	1,950,594	290,129	114,196	1983-----	1,823,791	173,066	82,543
1979-----	1,614,353	270,964	118,708	1984-----	1,769,203	285,557	76,736
1980-----	1,772,954	329,235	103,234	1985-----	1,663,253	345,162	107,605
1981-----	1,801,032	359,569	107,556	1986-----	1,719,538	384,927	158,108

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY		COASTWISE
		RECEIPTS
TOTAL-----		1,719,538
2011 GASOLINE-----		490,599
2012 JET FUEL-----		21,927
2013 KEROSENE-----		18,189
2014 DISTILLATE FUEL OIL-----		285,929
2015 RESIDUAL FUEL OIL-----		812,735
2016 ASPHALT, TAR, AND BITUMENS-----		90,159
TOTAL TON-MILES:	63,146,876.	

NEW HAVEN HARBOR, CONN.

SECTION INCLUDED: MAIN HARBOR CHANNEL: FROM DEEP WATER IN LONG ISLAND SOUND TO THE HEAD OF THE MAIN HARBOR NEAR I-95 BRIDGE. THE UPPER 1.5 MILES OF THE HARBOR, QUINNIPIAC RIVER: FROM TOMLINSON BRIDGE TO GRAND AVENUE BRIDGE 1.25 MILES. WEST RIVER: FROM THE MOUTH TO A POINT ABOUT 500 FEET ABOVE THE UPSTREAM SIDE OF THE KIMBERLY AVENUE BRIDGE ABOUT 1 MILE. MILL RIVER: FROM THE MOUTH TO GRAND AVENUE BRIDGE ABOUT 1,400 FEET. CONTROLLING DEPTH, MAIN CHANNEL: 32.5 FEET IN LEFT OUTSIDE QUARTER, 33.6 FEET IN CENTER, 33.0 FEET IN RIGHT OUTSIDE QUARTER, 14 FEET IN THE QUINNIPIAC RIVER CHANNEL TO FERRY STREET DRAW BRIDGE, THENCE UPSTREAM 11.3 FEET. OTHER CHANNELS RANGE FROM 3 TO 30 FEET. PROJECT DEPTH: MAIN CHANNEL, 35 FEET FROM LONG ISLAND SOUND TO HEAD OF HARBOR. BRANCH CHANNELS RANGE FROM 6 TO 22 FEET, ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	11,119,383	48,542	1982-----	7,935,063	49,124
1978-----	11,407,706	144,960	1983-----	8,266,494	-----
1979-----	10,622,345	-----	1984-----	10,625,023	-----
1980-----	9,336,320	-----	1985-----	9,348,683	-----
1981-----	9,085,623	-----	1986-----	10,064,662	49,355

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	COASTWISE		
				RECEIPTS	SHIPMENTS	
TOTAL-----	10,064,662	3,062,325	250,969	5,996,792	677,934	76,662
0131 FRESH FRUITS-----	23	23	-----	-----	-----	-----
0134 COCOA BEANS-----	96	96	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	18	18	-----	-----	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	23	23	-----	-----	-----	-----
1311 CRUDE PETROLEUM-----	32,223	32,223	-----	-----	-----	-----
1402 SAND, GRAVEL, CRUSHED ROCK-----	163	163	-----	-----	-----	-----
1491 CLAY-----	112	112	-----	-----	-----	-----

NEW ENGLAND DIVISION

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NEW HAVEN HARBOR, CONN.--CONTINUED

FREIGHT TRAFFIC, 1946--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	COASTWISE		
				RECEIPTS	SHIPMENTS	
1499 NONMETALLIC MINERALS, NEC-----	28,653	28,653	-----	-----	-----	-----
1911 ORDNANCE AND ACCESSORIES-----	80	80	-----	-----	-----	-----
2022 DRIED MILK AND CREAM-----	11	-----	11	-----	-----	-----
2081 ALCOHOLIC BEVERAGES-----	23	23	-----	-----	-----	-----
2091 VEGETABLE OILS, MARG, SHORT-----	843	843	-----	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	242	203	39	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	169	152	17	-----	-----	-----
2311 APPAREL-----	60	60	-----	-----	-----	-----
2421 LUMBER-----	26,678	26,678	-----	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	1,757	1,757	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	3	3	-----	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	12	9	3	-----	-----	-----
2611 PULP-----	723	723	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	1,242	1,207	35	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	37	34	3	-----	-----	-----
2711 PRINTED MATTER-----	18	4	14	-----	-----	-----
2813 ALCOHOLS-----	54,891	51,118	-----	3,773	-----	-----
2818 SULPHURIC ACID-----	7,500	-----	-----	7,500	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	307,907	103,606	646	202,173	1,442	-----
2821 PLASTIC MATERIALS-----	73	11	62	-----	-----	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	45	-----	45	-----	-----	-----
2831 DRUGS-----	1,271	10	-----	1,261	-----	-----
2851 PAINTS-----	20	20	-----	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	5	-----	5	-----	-----	-----
2911 GASOLINE-----	3,092,493	317,044	-----	2,596,043	164,601	14,405
2912 JET FUEL-----	237,499	21,980	-----	186,432	18,875	9,812
2915 KEROSENE-----	107,429	10,929	-----	88,113	8,388	-----
2916 DISTILLATE FUEL OIL-----	3,305,291	1,679,901	9,325	1,207,794	356,246	52,025
2918 RESIDUAL FUEL OIL-----	1,636,917	210,384	-----	1,298,191	128,342	-----
2916 LUBRICATING OILS AND GREASES-----	55	2	53	-----	-----	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	48,394	41,594	-----	6,800	-----	-----
2918 ASPHALT, TAR, AND PITCHES-----	165,310	8,943	-----	156,367	-----	-----
3241 BUILDING CEMENT-----	250,058	8,113	-----	241,945	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	23	23	-----	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	10	9	1	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	3	3	-----	-----	-----	-----
3311 PIG IRON-----	1,618	1,618	-----	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	260	260	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	320,171	320,171	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	32,826	32,826	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	1,050	1,050	-----	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	43	43	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	107,923	107,923	-----	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	39,554	39,554	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	125	125	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	10,506	7,145	3,361	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	3,738	3,704	30	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	688	676	12	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	281	275	6	-----	-----	-----
3731 SHIPS AND BOATS-----	55	55	-----	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	1	1	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	8	8	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	237,303	-----	237,303	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	29	29	-----	-----	-----	-----
4112 COMMODITIES, NEC-----	82	82	-----	-----	-----	-----

HOUSATONIC RIVER, CONN.

SECTION INCLUDED: LONG ISLAND SOUND TO CULVER'S BAR ABOUT 0.6 MILES ABOVE ROUTE 1-95 BRIDGE. CONTROLLING DEPTH: 13.5 FEET IN MID-CHANNEL FROM ENTRANCE UPSTREAM 2.75 MILES; THENCE 16 FEET TO ABOUT 0.6 MILE ABOVE ROUTE 1-95 BRIDGE. PROJECT DEPTH: 18 FEET AT MEAN LOW WATER TO CULVER'S BAR AT DEVON, ABOUT 4.5 MILES. NAVIGATION SEASON: USUALLY ENTIRE YEAR TO STRATFORD; MARCH 1 TO DECEMBER 31, STRATFORD TO SHELTON.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	396,430	1982-----	478,406
1978-----	474,881	1983-----	443,508
1979-----	283,469	1984-----	538,098
1980-----	467,484	1985-----	457,478
1981-----	416,220	1986-----	431,802

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	COASTWISE
	RECEIPTS
2915 RESIDUAL FUEL OIL-----	431,802
TOTAL TON-MILES, 2,159,010.	

Waterborne Commerce of the United States. 1986

BRIDGEPORT HARBOR, CONN.

SECTION INCLUDED: MAIN HARBOR; FROM INNER BREAKWATERS TO STRATFORD AVENUE BRIDGE ABOUT 4,000 FEET. PEQUONNOK RIVER; FROM STRATFORD AVENUE BRIDGE TO HEAD OF NAVIGATION, ABOUT 1 MILE. YELLOW MILL CHANNEL; FROM A POINT ABOUT 1,800 FEET BELOW YELLOW MILL BRIDGE TO THE HEAD OF NAVIGATION, 1 MILE. JOHNSONS RIVER; FROM THE HIGHWAY BRIDGE TO HEAD OF NAVIGATION, ABOUT 1,600 FEET. BLACK ROCK HARBOR; FROM THE JUNCTION OF BURR AND CEDAR CREEKS TO HEAD OF NAVIGATION, ABOUT 8,000 FEET. CONTROLLING DEPTHS: 34 FEET TO BRIDGEPORT LIGHT, THENCE 29.4 FEET TO UPSTREAM LIMIT OF THE 35-FOOT MAIN CHANNEL; 11 FEET IN THE PEQUONNOK RIVER CHANNEL; 11.6 FEET IN JOHNSONS RIVER TO UPSTREAM END OF CHANNEL; 12.9 FEET IN YELLOW MILL CHANNEL TO ABOUT 7,000 FEET UPSTREAM OF STRATFORD AVENUE BRIDGE, THENCE 5.9 FEET TO UPSTREAM LIMIT. BRANCH CHANNELS RANGE FROM 3 TO 15 FEET. 15 FEET IN BLACK ROCK HARBOR ENTRANCE CHANNEL; 15 FEET IN EAST BRANCH; 17 FEET IN WEST BRANCH. PROJECT DEPTHS: MAIN HARBOR: 35 FEET FROM LONG ISLAND SOUND TO ABOUT 720 FEET BELOW STRATFORD AVENUE BRIDGE. BRANCH CHANNELS RANGE FROM 6 TO 16 FEET. ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC AUTOMOBILES ACCOMPANYING PASSENGERS	YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC AUTOMOBILES ACCOMPANYING PASSENGERS
1977-----	3,495,140	74,607	24,343	1982-----	2,722,643	101,206	30,190
1978-----	5,735,600	11,630	25,055	1983-----	2,987,474	167,010	65,966
1979-----	3,243,301	175,656	50,786	1984-----	3,007,326	25,839	10,148
1980-----	3,194,616	-----	-----	1985-----	2,411,084	420,722	238,334
1981-----	3,212,851	193,574	60,240	1986-----	2,862,887	518,986	346,586

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
TOTAL-----	2,862,887	991,954	1,342	1,775,095	92,544	1,912
0133 COFFEE-----	115	115	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	20	20	-----	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	9	9	-----	-----	-----	-----
0841 CRUDE RUBBER AND ALLIED GUMS-----	14	-----	14	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	56	56	-----	-----	-----	-----
1121 COAL AND LIGNITE-----	19,050	-----	-----	19,050	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	100,718	-----	-----	100,718	-----	-----
1451 CLAY-----	63	63	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	22,046	22,046	-----	-----	-----	-----
1911 ORDNANCE AND ACCESSORIES-----	22	20	2	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	21	21	-----	-----	-----	-----
2021 DAIRY PRODUCTS, NEC-----	25	25	-----	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	76	76	-----	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	10	10	-----	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	111	111	-----	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	43	-----	43	-----	-----	-----
2081 ALCOHOLIC BEVERAGES-----	177	177	-----	-----	-----	-----
2091 VEGETABLE OILS, MARG, SHORT-----	4	-----	4	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	68	9	59	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	21	-----	21	-----	-----	-----
2311 APPAREL-----	2	2	-----	-----	-----	-----
2421 LUMBER-----	14,822	14,822	-----	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	529	529	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	56	56	-----	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	5	5	-----	-----	-----	-----
2711 PRINTED MATTER-----	11	11	-----	-----	-----	-----
2813 ALCOHOLS-----	1	-----	1	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	1,598	1,575	23	-----	-----	-----
2821 PLASTIC MATERIALS-----	38	-----	38	-----	-----	-----
2841 SOAP-----	22	-----	22	-----	-----	-----
2851 PAINTS-----	41	41	-----	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	15	-----	15	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	43	-----	43	-----	-----	-----
2911 GASOLINE-----	1,134,137	323,125	-----	723,148	87,864	-----
2913 KEROSENE-----	571	-----	-----	571	-----	-----
2914 DISTILLATE FUEL OIL-----	552,914	-----	-----	547,959	3,043	1,912
2915 RESIDUAL FUEL OIL-----	407,025	33,952	-----	371,036	1,637	-----
2918 ASPHALT, TAR, AND PITCHES-----	12,214	-----	1	12,213	-----	-----
3011 RUBBER AND MISC PLASTIC PROD-----	8	2	6	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	25	20	5	-----	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	226	226	-----	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	24	24	-----	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	325	325	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	466,458	466,458	8	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	14,129	13,401	728	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	45,491	45,491	-----	-----	-----	-----
3318 FERROALLOYS-----	21,941	21,941	5	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	101	101	-----	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	20	18	2	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	9,194	9,194	-----	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	31,799	31,799	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	334	334	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	4,340	4,337	3	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	931	845	86	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	335	333	2	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	248	80	168	-----	-----	-----
3731 SHIPS AND BOATS-----	14	14	-----	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	37	36	1	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	5	4	1	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	7	7	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	31	-----	31	-----	-----	-----
4112 COMMODITIES, NEC-----	146	94	50	-----	-----	-----

NEW ENGLAND DIVISION

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NORWALK HARBOR, CONN.

SECTION INCLUDED: FROM A POINT 4.5 MILE BELOW WASHINGTON STREET BRIDGE TO HEAD OF NAVIGATION AT EAST NORWALK AND MURRAY. CONTROLLING DEPTH: 9.9 FEET IN THE 12-FOOT CHANNEL FROM LONG ISLAND SOUND TO OPPOSITE DOWNSTREAM END OF 10 FOOT ANCHORAGE, THENCE 8.9 FEET TO THE WASHINGTON BRIDGE; 8.3 FEET IN THE 10-FOOT CHANNEL TO 1-95 BRIDGE; THENCE 5.6 FEET; 7.1 FEET IN 10 FOOT BASIN; AND 5 TO 7 FEET IN 10 FOOT ANCHORAGE. PROJECT DEPTH: 12 FEET IN CHANNEL FROM OUTER HARBOR TO WASHINGTON STREET BRIDGE, SOUTH NORWALK, THENCE 10 FEET DEEP TO THE BASIN AT NORWALK. ANCHORAGE ADJACENT TO 12 FOOT CHANNEL AT FITCHPOINT LIGHT, 10 FEET. ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	822,908	13,032	1982-----	950,388	154
1978-----	951,047	8,276	1983-----	727,913	36,844
1979-----	617,721	138	1984-----	785,382	266
1980-----	815,465	251	1985-----	784,868	35,814
1981-----	778,652	162	1986-----	718,590	35,432

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	
		RECEIPTS	LOCAL
TOTAL-----	718,590	714,064	4,526
0912 SMELTFISH, EXCEPT PREPARED-----	4,526	-----	4,526
1402 SAND, GRAVEL, CRUSHED ROCK-----	94,676	94,676	-----
2911 GASOLINE-----	1,057	1,057	-----
2914 DISTILLATE FUEL OIL-----	140,146	140,146	-----
2915 RESIDUAL FUEL OIL-----	478,185	478,185	-----
TOTAL TON-MILES, 3,092,781.			

STANFORD HARBOR, CONN.

SECTION INCLUDED: EAST AND WEST BRANCHES. CONTROLLING DEPTH: 16.0 FEET IN THE 18-FOOT ENTRANCE CHANNEL; 14.0 FEET IN THE CENTER HALF OF THE 15-FOOT ENTRANCE CHANNEL; 8.9 FEET IN THE 12-FOOT EAST BRANCH CHANNEL TO 1,100 FEET DOWNSTREAM OF THE HEAD OF NAVIGATION, THENCE 4 FEET TO THE END OF THE CHANNEL; AND 14.1 FEET IN CENTER HALF OF WEST BRANCH CHANNEL. PROJECT DEPTH: 18.0 FEET IN ENTRANCE CHANNEL TO NORTHEAST OF 18-FOOT ANCHORAGE. THENCE 15.0 FEET IN REMAINDER OF ENTRANCE CHANNEL, WEST BRANCH CHANNEL AND BASIN, 12.0 FEET IN EAST BRANCH CHANNEL, AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	783,243	-----	1982-----	837,522	-----
1978-----	1,099,790	-----	1983-----	878,982	-----
1979-----	874,236	-----	1984-----	1,069,952	-----
1980-----	844,887	1,075	1985-----	840,850	-----
1981-----	798,528	-----	1986-----	581,944	-----

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	
		RECEIPTS	SHIPMENTS
TOTAL-----	581,944	538,411	43,533
1402 SAND, GRAVEL, CRUSHED ROCK-----	193,724	193,724	-----
2914 DISTILLATE FUEL OIL-----	203,520	203,520	-----
2915 RESIDUAL FUEL OIL-----	3,746	3,746	-----
2918 ASPHALT, TAR, AND BITUMENS-----	137,421	137,421	-----
4011 IRON AND STEEL SCRAP-----	43,533	-----	43,533
TOTAL TON-MILES, 1,344,204.			

Waterborne Commerce of the United States, 1986

OTHER CARGO AND MATERIALS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT				
ANDREWS RIVER, MASS.-----	NO COMMERCE REPORTED			
ANNISQUAM RIVER, MASS.-----	NO COMMERCE REPORTED			
APPONAUG COVE, R. I.-----	NO COMMERCE REPORTED			
BAR HARBOR, MAINE-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	20		
	0912 SHELLFISH, EXCEPT PREPARED-----	2		
	2002 ANIMAL FEEDS-----	25		
	2631 PAPER AND PAPERBOARD-----	65		
	2601 PLASTIC MATERIALS-----	103		
	2871 NITROGENOUS CHEM FERTILIZERS-----	20		
	2872 INSECTICIDES, DISINFECTANTS-----	67		
	2879 FERTILIZERS AND MATERIALS, NEC-----	21		
	3011 RUBBER AND MISC PLASTIC PROD-----	2		
	3711 MOTOR VEHICLES, PARTS, EQUIP-----	29		
	4112 COMMODITIES, NEC-----	100		
	TOTAL-----	454	454	110,343
BASS HARBOR, MAINE-----				49,095
BEALS HARBOR, MAINE-----	NO COMMERCE REPORTED			
BELFAST HARBOR, MAINE-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	1,607	1,607	
BEVERLY HARBOR, MASS.-----	0912 SHELLFISH, EXCEPT PREPARED-----	8	8	
BOTHWAY HARBOR, MAINE-----				152,056
BRANFORD HARBOR, CONN.-----	NO COMMERCE REPORTED			
BRISTOL HARBOR, R. I.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	930		
	4112 COMMODITIES, NEC-----	16		
	TOTAL-----	946	946	58,066
BUNKER HARBOR, MAINE-----	NO COMMERCE REPORTED			
CAMDEN HARBOR, MAINE-----				1,440
CANAPITSIT CHANNEL, MASS.-----				1,340
CAPE PORPOISE HARBOR, MAINE-----	NO COMMERCE REPORTED			
CARVERS HARBOR, MAINE-----	2911 GASOLINE-----	577		
	2913 KEROSENE-----	218		
	2916 DISTILLATE FUEL OIL-----	745		
	TOTAL-----	1,540		80,063
CHATHAM (STAGE) HARBOR, MASS.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	5,014		
	3511 MACHINERY, EXCEPT ELECTRICAL-----	1		
	TOTAL-----	5,015	10,030	1,090
CLINTON HARBOR, CONN.-----	NO COMMERCE REPORTED			
COBSCOCK BAY, MAINE-----	NO COMMERCE REPORTED			
COHASSET HARBOR, MASS.-----	NO COMMERCE REPORTED			
COREA HARBOR, MAINE-----	0912 SHELLFISH, EXCEPT PREPARED-----	15	15	
CRIEHAVEN HARBOR, MAINE-----	NO COMMERCE REPORTED			
CROSS RIP SHOALS, NANTUCKET SOUND, MASS.-----	2911 GASOLINE-----	7,053		
	2914 DISTILLATE FUEL OIL-----	24,994		
	4112 COMMODITIES, NEC-----	7,461		
	TOTAL-----	39,508	78,092	35,509
CUTTYHUNK HARBOR, MASS.-----	2414 TIMBER, POSTS, POLES, PILING-----	2		
	3711 MOTOR VEHICLES, PARTS, EQUIP-----	2		
	4112 COMMODITIES, NEC-----	546		
	TOTAL-----	550	550	9,796
DANABISCOTTA RIVER, MAINE-----	NO COMMERCE REPORTED			
DEER ISLAND THUNDERBANE, MAINE-----	2911 GASOLINE-----	1		
	2914 DISTILLATE FUEL OIL-----	53		
	TOTAL-----	34	34	
DONCHESTER BAY, MASS. (INCLUDED IN PORT OF BOSTON)-----	NO COMMERCE REPORTED			
DOXBURY HARBOR, MASS.-----	NO COMMERCE REPORTED			
EASTPORT HARBOR, MAINE-----	0161 ANIMALS AND PRODUCTS, NEC-----	919		
	0911 FRESH FISH, EXCEPT SHELLFISH-----	1,330		
	2081 ALCOHOLIC BEVERAGES-----	39		
	2211 BASIC TEXTILE PRODUCTS-----	1		
	2611 PULP-----	66,195		
	2711 PRINTED MATTER-----	2		
	2819 BASIC CHEMICALS AND PROD, NEC-----	31		
	2821 PLASTIC MATERIALS-----	210		
	2851 PAINTS-----	1		

NEW ENGLAND DIVISION

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OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT--CONTINUED				
EASTPORT HARBOR, MAINE (CONTINUED)-----	2491 MISCELLANEOUS CHEMICAL PROD-----	3		
	3011 RUBBER AND MISC PLASTIC PROD-----	1		
	3251 STRUCTURAL CLAY PRODUCTS-----	47		
	3315 IRON, STEEL SHAPES, EXC SHEET-----	9,965		
	3316 IRON AND STEEL PLATES, SHEETS-----	181		
	3317 IRON AND STEEL PIPE AND TUBE-----	5,824		
	3318 FERROALLOYS-----	415		
	3321 NONFERROUS METALS, NEC-----	2		
	3324 ALUMINUM AND ALLOYS, UNWORKED-----	40		
	3411 FABRICATED METAL PRODUCTS-----	2,139		
	3511 MACHINERY, EXCEPT ELECTRICAL-----	510		
	3611 ELECTRICAL MACH AND EQUIP-----	292		
	3711 MOTOR VEHICLES, PARTS, EQUIP-----	255		
	3811 INSTR, TIME, PHOTO, OPT GOODS-----	4		
	4112 COMMODITIES, NEC-----	101		
	TOTAL-----	86,485	86,485	
EDGARTOWN HARBOR, MASS.-----				162,476
ESSEX RIVER, MASS.-----	NO COMMERCE REPORTED			
FALMOUTH HARBOR, MASS.-----	2711 PRINTED MATTER-----	568		
	3731 SHIPS AND BOATS-----	10		
	4112 COMMODITIES, NEC-----	26		
	TOTAL-----	624	624	294,474
FIVEMILE RIVER HARBOR, CONN.-----	NO COMMERCE REPORTED			
FORT POINT CHANNEL, MASS. (INCLUDED IN PORT OF BOSTON)-----	NO COMMERCE REPORTED			
GLOUCESTER HARBOR, MASS.-----	0105 CORN-----	35		
	0105 RICE-----	45		
	0107 WHEAT-----	137		
	0131 FRESH FRUITS-----	380		
	0911 FRESH FISH, EXCEPT SHELLFISH-----	144,161		
	0912 SHELLFISH, EXCEPT PREPARED-----	1,953		
	1451 CLAY-----	99		
	2011 MEAT, FRESH, CHILLED, FROZEN-----	90		
	2012 MEAT AND PRODUCTS, NEC-----	39		
	2031 FISH AND SHELLFISH, PREPARED-----	6,362		
	2039 PREP FRUIT AND VEG JUICE, NEC-----	2,420		
	2041 WHEAT FLOUR AND SEMOLINA-----	150		
	2042 ANIMAL FEEDS-----	87		
	2081 ALCOHOLIC BEVERAGES-----	61		
	2092 ANIMAL OILS AND FATS, NEC-----	49		
	2099 MISCELLANEOUS FOOD PRODUCTS-----	12		
	2211 BASIC TEXTILE PRODUCTS-----	18		
	2311 APPAREL-----	2		
	2421 LUMBER-----	13		
	2511 FURNITURE AND FIXTURES-----	14		
	2691 PULP AND PAPER PRODUCTS, NEC-----	114		
	2693 PHOSPHATIC CHEM FERTILIZERS-----	16		
	2699 MISCELLANEOUS CHEMICAL PROD-----	2		
	2914 DISTILLATE FUEL OIL-----	5,767		
	2916 LUBRICATING OILS AND GREASES-----	79		
	2918 ASPHALT, TAR, AND PITCHES-----	1,339		
	2921 LIQUEFIED GASES-----	2		
	3011 RUBBER AND MISC PLASTIC PROD-----	118		
	3211 GLASS AND GLASS PRODUCTS-----	2		
	3323 LEAD AND ZINC, UNWORKED-----	1		
	3411 FABRICATED METAL PRODUCTS-----	14		
	3511 MACHINERY, EXCEPT ELECTRICAL-----	24		
	3611 ELECTRICAL MACH AND EQUIP-----	11		
	3711 MOTOR VEHICLES, PARTS, EQUIP-----	25		
	3731 SHIPS AND BOATS-----	16		
	3791 MISC TRANSPORTATION EQUIPMENT-----	1		
	3911 MISC MANUFACTURED PRODUCTS-----	17		
	4112 COMMODITIES, NEC-----	9		
	TOTAL-----	163,664	426,035	5,744
GREAT SALT POND, BLOCK ISLAND, R. I.-----	2911 GASOLINE-----	667		
	2913 KEROSENE-----	10		
	2914 DISTILLATE FUEL OIL-----	2,267		
	TOTAL-----	2,944	5,252	
GREEN HARBOR, MASS.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	8		
	0912 SHELLFISH, EXCEPT PREPARED-----	8		
	TOTAL-----	16	16	1,000
GREENWICH BAY, N. I.-----	NO COMMERCE REPORTED			
GREENWICH HARBOR, CONN.-----				127,729
GUILFORD HARBOR, CONN.-----	NO COMMERCE REPORTED			
HAMPTON HARBOR, N. H.-----				6,800
HARBOR OF REFUGE AT SANDY BAY, CAPE ANN, MASS.-----	0912 SHELLFISH, EXCEPT PREPARED-----	11		492
HARBOR OF REFUGE, BLOCK ISLAND, N. I.-----	2911 GASOLINE-----	956		
	2914 DISTILLATE FUEL OIL-----	37		
	4112 COMMODITIES, NEC-----	1,232		
	TOTAL-----	4,225	4,225	550,500

Waterborne Commerce of the United States, 1986

OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT--CONTINUED				
HARBOR OF REFUGE, NANTUCKET, MASS.-----	2911 GASOLINE-----	7,365	-----	-----
	2914 DISTILLATE FUEL OIL-----	25,982	-----	-----
	4112 COMMODITIES, NEC-----	113,317	-----	-----
	TOTAL-----	146,664	293,328	368,752
HARBOR OF REFUGE, POINT JUDITH AND POINT JUDITH POND, R. I.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	25,210	-----	-----
	4112 COMMODITIES, NEC-----	2,776	-----	-----
	TOTAL-----	27,986	27,980	474,840
HARRASSEKET RIVER, MAINE-----	NO COMMERCE REPORTED			
HAY (WEST) HARBOR, N. Y.-----	2911 GASOLINE-----	275	-----	-----
	2914 DISTILLATE FUEL OIL-----	175	-----	-----
	4029 WASTE AND SCRAP, NEC-----	3,150	-----	-----
	4112 COMMODITIES, NEC-----	2,256	-----	-----
	TOTAL-----	5,856	11,712	120,124
HENDRICKS HARBOR, MAINE-----	NO COMMERCE REPORTED			
HINGHAM HARBOR, MASS. (INCLUDED IN PORT OF BOSTON)-----	NO COMMERCE REPORTED			
HYANNIS HARBOR, MASS.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	767	-----	-----
	4112 COMMODITIES, NEC-----	102,856	-----	-----
	TOTAL-----	106,623	213,246	874,003
IPSWICH RIVER, MASS.-----	NO COMMERCE REPORTED			
ISLE AU HAUT (THOUGHFARE), MAINE-----	2911 GASOLINE-----	29	-----	-----
	2913 KEROSENE-----	17	-----	-----
	4112 COMMODITIES, NEC-----	548	-----	-----
	TOTAL-----	594	594	32,098
ISLE OF SHOALS HARBOR, ME. AND N. Y.-----	NO COMMERCE REPORTED			
JOSIAS RIVER, MAINE-----	NO COMMERCE REPORTED			
KEYHOLE RIVER, MAINE-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	753	10,542	-----
KENNEBUNK RIVER, MAINE-----	NO COMMERCE REPORTED			
LAGOON POND, MANHUA S VINEYARD, MASS.-----	2414 TIMBER, POSTS, POLES, PILING-----	4	-----	-----
	2421 LUMBER-----	2	-----	-----
	2491 WOOD MANUFACTURES, NEC-----	2	-----	-----
	TOTAL-----	8	8	-----
LUZEC CHANNEL, MAINE-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	73	146	688,791
LYNN HARBOR, MASS.-----	2912 JET FUEL-----	1,005	-----	-----
	3411 FABRICATED METAL PRODUCTS-----	51	-----	-----
	TOTAL-----	1,116	2,232	-----
MACHIAS RIVER, MAINE-----	NO COMMERCE REPORTED			
MALODEN RIVER, MASS. (INCLUDED IN PORT OF BOSTON)-----	NO COMMERCE REPORTED			
MANCHESTER HARBOR, MASS.-----	NO COMMERCE REPORTED			
MARBLEHEAD HARBOR, MASS.-----	NO COMMERCE REPORTED			
MATINECUS HARBOR, MAINE-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	251	-----	-----
	1491 SALT-----	74	-----	-----
	2911 GASOLINE-----	59	-----	-----
	2913 KEROSENE-----	10	-----	-----
	2914 DISTILLATE FUEL OIL-----	174	-----	-----
	TOTAL-----	573	605	-----
MATTAPoisett HARBOR, MASS.-----	NO COMMERCE REPORTED			
MEHENSIA CREEK, MANHUA S VINEYARD, MASS.-----	NO COMMERCE REPORTED			
MILFORD HARBOR, CONN.-----	4029 WASTE AND SCRAP, NEC-----	2,520	2,520	-----
MOUSABEC BAY, MAINE-----	NO COMMERCE REPORTED			
MYSTIC RIVER, CONN.-----	4029 WASTE AND SCRAP, NEC-----	10,710	32,130	116,978
NARRAGUAGUS RIVER, MAINE-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	2	2	-----
NEPONSET RIVER, MASS. (INCLUDED IN PORT OF BOSTON)-----	NO COMMERCE REPORTED			
NEW HARBOR, MAINE-----	-----	-----	-----	3,730
NEWBURYPORT HARBOR, MASS.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	1,202	3,606	26,100
NIAHTIC BAY AND HARBOR, CONN.-----	4029 WASTE AND SCRAP, NEC-----	8,295	16,590	19,600
NORTHEAST HARBOR, MAINE-----	-----	-----	-----	5,012
ONLS HEAD HARBOR, MAINE-----	NO COMMERCE REPORTED			

NEW ENGLAND DIVISION

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OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT--CONTINUED				
PATCHOGUE RIVER, CONN.-----	NO COMMERCE REPORTED			
PANCATUCK RIVER, R. I. AND CONN.-----	NO COMMERCE REPORTED			
PIG ISLAND CUT, MAINE-----	NO COMMERCE REPORTED			
PLEASANT BAY MASS.-----	NO COMMERCE REPORTED			
PLEASANT RIVER, MAINE-----	NO COMMERCE REPORTED			
PLYMOUTH HARBOR, MASS. (INCLUDING NORTH PLYMOUTH)-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	629		
	2915 MEDICAL FUEL OIL-----	171,853		
	TOTAL-----	172,482	340,924	4,042
PROVINCETOWN HARBOR, MASS.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	6,948	13,896	75,188
RED BROOK HARBOR, BOURNE, MASS.-----	NO COMMERCE REPORTED			
ROCKLAND HARBOR, MAINE-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	248		
	2911 GASOLINE-----	1,253		
	2913 KEROSENE-----	582		
	2914 DISTILLATE FUEL OIL-----	1,573		
	TOTAL-----	3,456	7,039	116,207
ROCKPORT HARBOR, MAINE-----	NO COMMERCE REPORTED			
ROCKPORT HARBOR, MASS.-----	0912 SHELLFISH, EXCEPT PREPARED-----	11	11	492
ROYAL RIVER, MAINE-----	NO COMMERCE REPORTED			
RYE HARBOR, NEW HAMPSHIRE-----	NO COMMERCE REPORTED			
SACO RIVER, MAINE-----	NO COMMERCE REPORTED			
SAKONNET RIVER AND HARBOR, R. I.-----	NO COMMERCE REPORTED			
SCARBORO RIVER, MAINE-----	NO COMMERCE REPORTED			
SCITUATE HARBOR, MASS.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	1,099	1,099	
SEECONK RIVER, R. I.-----	NO COMMERCE REPORTED			
SOUTH BRISTOL HARBOR, MAINE-----	NO COMMERCE REPORTED			
SOUTHWEST HARBOR, MAINE-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	407		
	2911 GASOLINE-----	82		
	2914 DISTILLATE FUEL OIL-----	238		
	TOTAL-----	727	2,075	
ST. CROIX RIVER, MAINE-----	NO COMMERCE REPORTED			
STOCKTON HARBOR, MAINE (INCLUDED IN PENOBSCOT RIVER, MAINE)-----	NO COMMERCE REPORTED			
STOVINGTON HARBOR, CONN.-----	NO COMMERCE REPORTED			
STOVINGTON HARBOR, MAINE-----	2911 GASOLINE-----	1		
	2914 DISTILLATE FUEL OIL-----	48		
	4112 COMMODITIES, NEC-----	249		
	TOTAL-----	597	646	32,098
STONY CREEK, CONN.-----	NO COMMERCE REPORTED			
TAUNTON RIVER, MASS.-----	NO COMMERCE REPORTED			
TENANTS HARBOR, MAINE-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	299		
	1491 SALT-----	86		
	TOTAL-----	385	385	
THOMASTON HARBOR (GEORGES RIVER), MAINE-----	NO COMMERCE REPORTED			
TOWN RIVER, MASS. (INCLUDED IN PORT OF BOSTON)-----	2914 DISTILLATE FUEL OIL-----	75,430	75,430	
VINEYARD HAVEN HARBOR, MASS.-----	2911 GASOLINE-----	636		
	2914 DISTILLATE FUEL OIL-----	1,095		
	3731 SHIPS AND BOATS-----	10		
	4112 COMMODITIES, NEC-----	173,000		
	TOTAL-----	174,741	174,741	1,122,754
WARREN HARBOR, MASS.-----	NO COMMERCE REPORTED			
WARREN RIVER, R. I.-----	3511 MACHINERY, EXCEPT ELECTRICAL-----	850	850	3,315
WARRICK COVE, WARRICK, R. I.-----	NO COMMERCE REPORTED			
WELLFLEET HARBOR, MASS.-----	NO COMMERCE REPORTED			
WESTPORT HARBOR AND SAUSATUCK RIVER, CONN.-----	NO COMMERCE REPORTED			
WESTPORT RIVER, MASS.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	130		
	2914 TIMBER, POSTS, POLES, PILING-----	6		
	2921 LUMBER-----	1		
	3711 MOTOR VEHICLES, PARTS, EQUIP-----	2		
	TOTAL-----	139	139	

Waterborne Commerce of the United States, 1986

OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT--CONTINUED				
NEYMOUTH BACK RIVER, MASS. (INCLUDED IN PORT OF BOSTON)-----	9112 COMMODITIES, NEC-----	2	2	-----
NICKFORD HARBOR, R. I.-----	NO COMMERCE REPORTED			
NINTHROP HARBOR, MASS. (INCLUDED IN PORT OF BOSTON)-----	NO COMMERCE REPORTED			
NOOD ISLAND HARBOR, MAINE AND THE POOL AT WIDDEFOHD-----	NO COMMERCE REPORTED			
NOODS HOLE CHANNEL, MASS.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	1,238	-----	-----
	9112 COMMODITIES, NEC-----	246,071	-----	-----
	TOTAL-----	246,071	246,071	1,454,365
YORK HARBOR, MAINE-----	NO COMMERCE REPORTED			

NEW YORK, NY, DISTRICT

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EAST CHESTER CREEK, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM LONG ISLAND SOUND TO CANAL STREET. CONTROLLING DEPTH: 8 FEET FROM LONG ISLAND SOUND TO A POINT OPPOSITE TURTLE COVE; BALANCE OF WATERWAY RANGES FROM 0.7 TO 8 FEET. PROJECT DEPTH: 10 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: 5 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	1,363,524	1982-----	1,549,074
1978-----	1,627,502	1983-----	1,635,587
1979-----	1,460,464	1984-----	1,730,178
1980-----	1,653,399	1985-----	1,605,089
1981-----	1,596,347	1986-----	1,451,059

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	INTERNAL	LOCAL
		RECEIPTS	RECEIPTS	
TOTAL-----	1,451,059	44,699	51,217	1,355,143
1442 SAND, GRAVEL, CRUSHED ROCK-----	119,508	44,699	51,217	23,592
2911 GASOLINE-----	921,835	-----	-----	921,835
2913 KEROSENE-----	529	-----	-----	529
2914 DISTILLATE FUEL OIL-----	365,532	-----	-----	365,532
2915 RESIDUAL FUEL OIL-----	21,309	-----	-----	21,309
4011 IRON AND STEEL SCRAP-----	22,346	-----	-----	22,346
TOTAL TON-MILES, 7,044,546.				

BROOKLYN RIVER, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM EAST RIVER TO EAST 172ND STREET. CONTROLLING DEPTH: 10 FEET FROM EAST RIVER TO BRUCKNER BOULEVARD BRIDGE; BALANCE OF WATERWAY RANGES 1.3 TO 7.5 FEET. PROJECT DEPTH: 10 FEET; ALL AT MEAN LOW WATER; PROJECT LENGTH: 2.6 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	286,629	152,210	1982-----	264,786	317,420
1978-----	292,085	121,570	1983-----	170,416	285,690
1979-----	243,029	267,210	1984-----	357,969	249,930
1980-----	416,781	240,480	1985-----	308,727	243,432
1981-----	336,931	132,300	1986-----	289,974	249,984

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	INTERNAL	LOCAL
		RECEIPTS	RECEIPTS	
TOTAL-----	289,974	64,102	99,123	126,749
1442 SAND, GRAVEL, CRUSHED ROCK-----	212,512	64,102	99,123	49,287
4011 IRON AND STEEL SCRAP-----	77,462	-----	-----	77,462
TOTAL TON-MILES, 579,948.				

FLUSHING BAY AND CREEK, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM DEEP WATER IN EAST RIVER TO ROOSEVELT AVENUE BRIDGE. CONTROLLING DEPTH: 15 FEET FROM EAST RIVER TO JUNCTION WITH BRANCH CHANNEL; BALANCE OF WATERWAY RANGES FROM 2 TO 14 FEET. PROJECT DEPTH: 15 FEET IN BAY, BRANCH AND CREEK CHANNELS, AND MANEUVERING AREA, AND 6 FEET IN ANCHORAGE AREA. ALL AT MEAN LOW WATER. PROJECT LENGTH: 2.9 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	1,848,185	1982-----	1,451,735
1978-----	1,909,110	1983-----	1,469,328
1979-----	1,583,917	1984-----	1,701,295
1980-----	1,660,286	1985-----	1,697,692
1981-----	1,464,454	1986-----	1,984,221

Waterborne Commerce of the United States. 1986

FLUSHING BAY AND CREEK, N. Y. (INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	INTERNAL	LOCAL
		RECEIPTS	RECEIPTS	
TOTAL-----	1,988,221	26,845	435,327	1,522,049
1402 SAND, GRAVEL, CRUSHED ROCK-----	257,165	13,214	243,951	-----
2911 GASOLINE-----	645	-----	-----	645
2913 KEROSENE-----	3,061	-----	-----	3,061
2914 DISTILLATE FUEL OIL-----	349,303	1,900	-----	347,403
2915 RESIDUAL FUEL OIL-----	269,539	-----	-----	269,539
3241 BUILDING CEMENT-----	256,809	11,731	191,376	51,782
4029 WASTE AND SCRAP, NEC-----	849,539	-----	-----	849,539
TOTAL TON-MILES, 4,320,179.				

HARLEM RIVER, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM EAST RIVER TO HUDSON RIVER. CONTROLLING DEPTH: 15 FEET FROM EAST RIVER TO SPUYTEN DUYVIL R. R. BRIDGE; BALANCE OF WATERWAY RANGES FROM 14 TO 15 FEET. PROJECT DEPTH: 15 AND 18 FEET; ALL AT MEAN LOW WATER; PROJECT LENGTH: 7.6 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	422,919	-----	1982-----	536,695	-----
1978-----	400,744	-----	1983-----	568,506	381,208
1979-----	414,669	-----	1984-----	593,551	463,954
1980-----	598,593	-----	1985-----	810,758	777,847
1981-----	575,224	-----	1986-----	781,283	887,424

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	INTERNAL	LOCAL
		RECEIPTS	RECEIPTS	
TOTAL-----	781,283	228,810	151,211	401,262
1402 SAND, GRAVEL, CRUSHED ROCK-----	467,678	228,810	151,211	87,657
2914 DISTILLATE FUEL OIL-----	148,635	-----	-----	148,635
2915 RESIDUAL FUEL OIL-----	164,970	-----	-----	164,970
TOTAL TON-MILES, 3,076,368.				

HUDSON RIVER, N. Y. (LOWER SECTION) (INCLUDED IN PORT OF NEW YORK, ALSO INCLUDED IN STATISTICS FOR HUDSON RIVER)

SECTION INCLUDED: FROM UPPER NEW YORK CITY LIMITS TO TARRYTOWN; NOT INCLUDING THE LATTER. CONTROLLING DEPTH: 32 FEET MEAN LOW WATER. PROJECT DEPTH: 34 FEET IN ROCK AND 32 FEET IN SOFT MATERIAL. PROJECT LENGTH: 13.3 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1977-----	718,396	932,392	22,299,989	1982-----	742,957	879,686	15,967,588
1978-----	587,443	654,905	23,845,993	1983-----	574,823	913,266	16,037,220
1979-----	753,949	1,116,936	22,113,861	1984-----	1,103,641	822,665	17,287,389
1980-----	641,331	1,104,869	21,569,820	1985-----	1,110,139	780,133	15,616,581
1981-----	874,533	1,012,391	16,153,609	1986-----	915,669	1,156,426	16,561,192

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	COASTWISE	INTERNAL	
				RECEIPTS	SHIPMENTS	
TOTAL-----	915,669	283,406	2,500	134,378	291,999	203,366
0141 FRESH AND FROZEN VEGETABLES-----	17	17	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	21	21	-----	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	22	22	-----	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	114	114	-----	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	9	9	-----	-----	-----	-----
2061 SUGAR-----	414,407	280,029	-----	134,378	-----	-----
2062 MOLASSES-----	1,464	-----	-----	-----	1,464	-----
2081 ALCOHOLIC BEVERAGES-----	1,148	1,148	-----	-----	-----	-----

NEW YORK, NY, DISTRICT

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HUDSON RIVER, N. Y. (LOWER SECTION) (INCLUDED IN PORT OF NEW YORK, ALSO INCLUDED IN STATISTIC FOR HUDSON RIVER)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	INTERNAL SHIPMENTS	LOCAL
2095 ICE	624	624				
2099 MISCELLANEOUS FOOD PRODUCTS	2,718	218	2,500			
2211 BASIC TEXTILE PRODUCTS	49	49				
2311 APPAREL	40	40				
2491 WOOD MANUFACTURES, NEC	14	14				
2711 PRINTED MATTER	4	4				
2819 BASIC CHEMICALS AND PROD, NEC	208	208				
2821 PLASTIC MATERIALS	24	24				
2851 PAINTS	7	7				
2911 GASOLINE	54,592				1,035	53,557
2914 DISTILLATE FUEL OIL	124,346					124,346
2915 RESIDUAL FUEL OIL	25,478					25,478
2916 LUBRICATING OILS AND GREASES	5					5
3111 LEATHER AND LEATHER PRODUCTS	36	36				
3211 GLASS AND GLASS PRODUCTS	23	23				
3251 STRUCTURAL CLAY PRODUCTS	595	595				
3281 CUT STONE AND STONE PRODUCTS	22	22				
3291 MISC NONMETALLIC MINERAL PROD	30	30				
3411 FABRICATED METAL PRODUCTS	30	30				
3511 MACHINERY, EXCEPT ELECTRICAL	95	95				
3611 ELECTRICAL MACH AND EQUIP	3	3				
3721 AIRCRAFT AND PARTS	1	1				
3731 SHIPS AND BOATS	1	1				
3911 MISC MANUFACTURED PRODUCTS	22	22				
4029 WASTE AND SCRAP, NEC	289,500				289,500	
TOTAL TON-MILES	287,651,111					

HUDSON RIVER CHANNEL, N. Y. AND N. J.
(INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM DEEP WATER IN UPPER BAY TO A POINT OPPOSITE WEST 156TH STREET, MANHATTAN, CONTROLLING DEPTH: 39 TO 43 FEET, 2,000 TO 3,000 FEET WIDE FROM DEEP WATER IN THE UPPER BAY TO WEST 40TH STREET; BALANCE OF WATERWAY RANGES FROM 38 TO 48 FEET, PROJECT DEPTH AND LENGTH: 40 FEET, 45 FEET AND 48 FEET FROM UPPER BAY TO OPPOSITE WEST 59TH STREET; 6 MILES. 30 FEET IN NEENAHKEN-EDGEWATER CHANNEL; 5 MILES. ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	THROUGH TRAFFIC (TONS)	ADDITIONAL TRAFFIC RAILROAD FREIGHT CARS					
				RECEIPTS		SHIPMENTS		LOCAL	
				EMPTY	LOADED	EMPTY	LOADED	EMPTY	LOADED
1977	3,912,153	4,329,114	23,010,593	1,198	6,897	7,240	1,117	2,272	995
1978	4,361,558	3,672,940	24,406,823	6,820	988	282	8,262		
1979	4,128,937	3,562,377	22,042,905	785	6,423	6,241	867		
1980	4,115,321	4,294,749	22,158,091	4,236	4,846		199		
1981	3,287,712	4,515,141	16,997,746						
1982	3,423,164	4,140,978	16,529,569						
1983	2,848,721	3,723,898	16,459,514						
1984	2,894,534	2,472,277	18,262,877	2,237	928	593	2,203		
1985	2,924,362	4,738,158	16,644,574	3,262	360	144	2,359	3,426	2,723
1986	3,018,565	7,368,020	17,372,896	3,485	348	30	4,404		

* REVISED

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	3,018,565	873,701	327,101	79,456	3,061	97,986	221,480	1,415,780
0101 COTTON, RAW-----	9		9					
0103 CORN-----	21		21					
0105 RICE-----	1,034	1,034						
0119 OILSEEDS, NEC-----	1,279	1,278	1					
0121 TOBACCO, LEAF-----	33	33						
0129 FIELD CROPS, NEC-----	836		9					
0131 FRESH FRUITS-----	160	151	9					
0132 BANANAS AND PLANTAINS-----	956	956						
0133 COFFEE-----	15,490	14,735	755					
0134 COCOA BEANS-----	84	84						
0181 FRESH AND FROZEN VEGETABLES-----	2,281	1,681	600					
0151 LIVE ANIMALS-----	15	15						
0161 ANIMALS AND PRODUCTS, NEC-----	6,198	4,005	2,193					
0191 MISCELLANEOUS FARM PRODUCTS-----	147	135	12					
0841 CRUDE RUBBER AND ALLIED GUMS-----	5,797		576					
0861 FOREST PRODUCTS, NEC-----	3,246	3,033	213					
0911 FRESH FISH, EXCEPT SHELLFISH-----	5,610	5,188	422					
0912 SHELLFISH, EXCEPT PREPARED-----	3,738	3,473	265					
0931 MARINE SHELLS, UNMANUFACTURED-----	59	59						

Waterborne Commerce of the United States, 1986

HUDSON RIVER CHANNEL, N. Y. AND N. J.
(INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	COASTWISE SHIPMENTS	INTERNAL RECEIPTS	INTERNAL SHIPMENTS	
1011 IRON ORE AND CONCENTRATES-----	220	-----	220	-----	-----	-----	-----	-----
1051 ALUMINUM ORES, CONCENTRATES-----	538	522	16	-----	-----	-----	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	904	825	79	-----	-----	-----	-----	-----
1121 COAL AND LIGNITE-----	218	-----	218	-----	-----	-----	-----	-----
1311 CRUDE PETROLEUM-----	20,773	-----	-----	-----	-----	-----	-----	20,773
1411 LIMESTONE-----	553	-----	553	-----	-----	-----	-----	-----
1412 BUILDING STONE, UNWORKED-----	2,314	-----	2,314	-----	-----	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	246,883	246	252	72,832	-----	97,986	-----	75,567
1451 CLAY-----	2,324	1,403	921	-----	-----	-----	-----	-----
1471 PHOSPHATE ROCK-----	40	-----	-----	-----	-----	-----	-----	-----
1491 SALT-----	23,025	23,025	-----	-----	-----	-----	-----	-----
1494 GYPSUM, CRUDE AND PLASTERS-----	80	-----	80	-----	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	1,990	1,704	282	-----	-----	-----	-----	-----
1911 ORDNANCE AND ACCESSORIES-----	431	332	99	-----	-----	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	1,577	900	677	-----	-----	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	1,676	1,574	102	-----	-----	-----	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	94	-----	94	-----	-----	-----	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	3,751	1,670	2,081	-----	-----	-----	-----	-----
2021 DAIRY PRODUCTS, NEC-----	4,933	4,907	26	-----	-----	-----	-----	-----
2022 DRIED MILK AND CREAM-----	902	7	895	-----	-----	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	10,675	10,488	187	-----	-----	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	80,669	80,298	371	-----	-----	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	22,510	22,246	264	-----	-----	-----	-----	-----
2042 ANIMAL FEEDS-----	11,043	697	10,346	-----	-----	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	24,294	20,752	3,542	-----	-----	-----	-----	-----
2081 SUGAR-----	218	217	1	-----	-----	-----	-----	-----
2081 ALCOHOLIC BEVERAGES-----	90,244	89,859	385	-----	-----	-----	-----	-----
2091 VEGETABLE OILS, MARG, SHORT-----	11,293	10,135	608	-----	-----	-----	-----	550
2092 ANIMAL OILS AND FATS, NEC-----	378	359	19	-----	-----	-----	-----	-----
2095 ICE-----	2,621	2,621	-----	-----	-----	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	36,192	34,145	2,047	-----	-----	-----	-----	-----
2111 TOBACCO MANUFACTURES-----	86	18	68	-----	-----	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	26,770	24,218	2,552	-----	-----	-----	-----	-----
2212 TEXTILE FIBERS, NEC-----	57	57	-----	-----	-----	-----	-----	-----
2311 APPAREL-----	12,164	11,928	236	-----	-----	-----	-----	-----
2411 LOGS-----	623	10	613	-----	-----	-----	-----	-----
2421 LUMBER-----	4,448	234	4,414	-----	-----	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	638	503	135	-----	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	4,168	4,140	28	-----	-----	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	26,136	25,609	527	-----	-----	-----	-----	-----
2611 PULP-----	558	37	521	-----	-----	-----	-----	-----
2621 STANDARD NEWSPRINT PAPER-----	879	872	7	-----	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	23,078	18,117	8,961	-----	-----	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	5,330	3,474	1,856	-----	-----	-----	-----	-----
2711 PRINTED MATTER-----	18,803	11,559	7,244	-----	-----	-----	-----	-----
2810 SODIUM HYDROXIDE-----	4,888	-----	-----	-----	-----	-----	-----	4,888
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	9,054	9,018	36	-----	-----	-----	-----	-----
2812 DYES, PIGMENT, TANNING MATS-----	1,188	1,188	-----	-----	-----	-----	-----	-----
2813 ALCOHOLS-----	1,534	636	900	-----	-----	-----	-----	-----
2816 RADIOACTIVE MATERIALS, WASTES-----	6	-----	6	-----	-----	-----	-----	-----
2817 BENZENE AND TOLUENE-----	1,523	1,521	2	-----	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	30,376	19,116	11,260	-----	-----	-----	-----	-----
2821 PLASTIC MATERIALS-----	31,624	15,160	16,468	-----	-----	-----	-----	-----
2822 SYNTHETIC RUBBER-----	2,993	1,851	1,142	-----	-----	-----	-----	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	2,772	2,646	126	-----	-----	-----	-----	-----
2831 DRUGS-----	5,559	4,879	680	-----	-----	-----	-----	-----
2841 SOAP-----	10,608	5,980	4,628	-----	-----	-----	-----	-----
2851 PAINTS-----	9,733	8,119	1,614	-----	-----	-----	-----	-----
2861 GUM AND WOOD CHEMICALS-----	257	161	96	-----	-----	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	246	29	217	-----	-----	-----	-----	-----
2872 POTASSIC CHEM FERTILIZERS-----	1,051	61	990	-----	-----	-----	-----	-----
2873 PHOSPHATIC CHEM FERTILIZERS-----	190	190	-----	-----	-----	-----	-----	-----
2876 INSECTICIDES, DISINFECTANTS-----	497	356	541	-----	-----	-----	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	97	-----	97	-----	-----	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	13,245	4,025	9,220	-----	-----	-----	-----	-----
2911 GASOLINE-----	5,253	-----	35	-----	-----	-----	4,280	938
2912 JET FUEL-----	3,128	-----	-----	-----	-----	-----	-----	3,128
2913 KEROSENE-----	38,698	-----	45	-----	-----	-----	-----	38,653
2914 DISTILLATE FUEL OIL-----	111,411	-----	-----	-----	-----	-----	-----	111,411
2915 RESIDUAL FUEL OIL-----	236,681	-----	6,624	3,061	-----	-----	-----	226,996
2916 LUBRICATING OILS AND GREASES-----	4,390	473	3,535	-----	-----	-----	-----	382
2917 NAPHTHA, PETROLEUM SOLVENTS-----	287	-----	287	-----	-----	-----	-----	-----
2918 ASPHALT, TAR, AND PITCHES-----	218	91	127	-----	-----	-----	-----	-----
2920 COKE, PETROLEUM COKE-----	15	-----	15	-----	-----	-----	-----	-----
2921 LIQUEFIED GASES-----	317	108	209	-----	-----	-----	-----	-----
2931 ASPHALT BUILDING MATERIALS-----	46	-----	46	-----	-----	-----	-----	-----
2971 PETROLEUM AND COAL PROD, NEC-----	5,387	4,976	308	-----	-----	-----	-----	107
3011 RUBBER AND MISC PLASTIC PROD-----	30,425	27,254	3,171	-----	-----	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	22,344	18,702	3,642	-----	-----	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	18,056	18,057	1,990	-----	-----	-----	-----	-----
3241 BUILDING CEMENT-----	230	-----	230	-----	-----	-----	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	20,526	19,866	660	-----	-----	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	30,696	30,565	131	-----	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	13,528	12,593	935	-----	-----	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	86	58	28	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	9,074	8,896	268	-----	-----	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	7,902	11	7,891	-----	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	3,435	3,276	159	-----	-----	-----	-----	-----
3318 FERROALLOYS-----	150	100	50	-----	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	5,458	4,918	540	-----	-----	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	4,243	3,667	576	-----	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	10,572	9,885	707	-----	-----	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	381	57	248	-----	-----	-----	-----	-----

NEW YORK, NY, DISTRICT

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HUDSON RIVER CHANNEL, N. Y. AND N. J.
(INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
3324 ALUMINUM AND ALLOYS, UNWORKED-----	6,570	5,772	798	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	48,157	41,703	6,454	-----	-----	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	85,083	52,183	12,900	-----	-----	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	43,377	35,614	7,763	-----	-----	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	19,769	14,196	5,573	-----	-----	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	667	153	514	-----	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	884	607	237	-----	-----	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	622	382	240	-----	-----	-----	-----	-----
1811 INSTR, TIME, PHOTO, OPT GOODS-----	12,474	5,759	6,715	-----	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	30,022	28,473	1,549	-----	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	30,683	948	3,080	-----	-----	-----	-----	26,655
4012 NONFERROUS METAL SCRAP-----	16,369	27	16,342	-----	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	8,852	79	8,773	-----	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	115,038	282	114,756	-----	-----	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	908,314	-----	-----	-----	-----	-----	217,200	691,114
4112 COMMODITIES, NEC-----	225,515	4,672	6,225	-----	-----	-----	-----	214,618
9999 DEPARTMENT OF DEFENSE AND SCI-----	1,191	-----	1,191	-----	-----	-----	-----	-----
TOTAL TON-MILES, 206,258,156.								

EAST RIVER, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM UPPER NEW YORK BAY TO THROGS NECK. CONTROLLING DEPTH: 40 FEET FROM UPPER BAY TO WALLABOUT CHANNEL;
BALANCE OF WATERWAY RANGES FROM 20 TO 35 FEET. PROJECT DEPTH: 40 FEET TO FORMER BROOKLYN NAVY YARD; 35 FEET ABOVE THE FORMER
BROOKLYN NAVY YARD. ALL AT MEAN LOW WATER. PROJECT LENGTH: ABOUT 16 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	THROUGH TRAFFIC (TONS)	ADDITIONAL TRAFFIC						AUTOMOBILES ACCOMPANYING PASSENGERS
				RAILROAD FREIGHT CARS						
				RECEIPTS		SHIPMENTS		LOCAL		
				EMPTY	LOADED	EMPTY	LOADED	EMPTY	LOADED	
1977-----	17,449,608	17,706,868	27,447,649	7,240	1,117	1,198	6,897	-----	-----	585,904
1978-----	16,193,852	16,635,431	29,000,787	282	8,262	6,820	948	-----	-----	626,489
1979-----	14,676,735	19,262,178	24,627,148	6,241	867	785	6,423	-----	-----	599,084
1980-----	14,569,869	19,253,933	30,053,102	6,159	5,368	4,817	6,550	-----	-----	679,807
1981-----	12,880,540	20,462,451	29,427,108	1,591	6,765	6,554	1,946	-----	-----	-----
1982-----	11,957,435	19,930,280	31,069,138	1,852	8,016	7,879	2,200	-----	-----	456,725
1983-----	11,664,349	20,889,111	27,307,602	31	381	415	22	-----	-----	408,219
1984-----	11,195,605	21,480,401	32,372,439	593	2,203	2,237	928	-----	-----	408,219
1985-----	9,079,562	24,523,565	31,408,399	164	2,359	3,262	364	3,426	2,723	453,000
1986-----	9,568,392	25,146,215	30,290,884	30	4,408	3,485	348	-----	-----	478,818

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
TOTAL-----	9,568,392	1,909,138	53,692	708,572	191,466	82,403	2,048,369	4,574,752
0103 CORN-----	4	4						
0119 OILSEEDS, NEC-----	11	11						
0129 FIELD CROPS, NEC-----	22	17	5					
0132 BANANAS AND PLANTAINS-----	174,341	174,341						
0133 COFFEE-----	13,243	13,243						
0134 COCOA BEANS-----	135	135						
0141 FRESH AND FROZEN VEGETABLES-----	445	426	19					
0161 ANIMALS AND PRODUCTS, NEC-----	553	233	320					
0801 FOREST PRODUCTS, NEC-----	132	47	85					
0911 FRESH FISH, EXCEPT SHELLFISH-----	55	55						
0912 SHELLFISH, EXCEPT PREPARED-----	7,771	7,714						
1091 ALUMINUM ORES, CONCENTRATES-----	104		104					
1091 NONFERROUS ORES, CONCENT, NEC-----	197		197					
1442 SAND, GRAVEL, CRUSHED ROCK-----	36,758		8	13,862		10,169		12,719
1451 CLAY-----	99		99					
1491 SALT-----	4,253	4,253						
1492 SULPHUR, DRY-----	52		52					
1499 NONMETALLIC MINERALS, NEC-----	249	117	132					
1911 ORDNANCE AND ACCESSORIES-----	59	59						
2011 MEAT, FRESH, CHILLED, FROZEN-----	46		46					
2012 MEAT AND PRODUCTS, NEC-----	56	56						
2021 DAIRY PRODUCTS, NEC-----	1		1					
2022 DRIED MILK AND CREAM-----	309		309					
2031 FISH AND SHELLFISH, PREPARED-----	401	263	138					
2034 VEGETABLES AND PREP, NEC-----	356		205	71				
2039 PREP FRUIT AND VEG JUICE, NEC-----	34,916	34,910	6					
2042 ANIMAL FEEDS-----	580	580						
2049 GRAIN MILL PRODUCTS, NEC-----	104	13	91					
2061 SUGAR-----	191,260	167,680		23,580				
2081 ALCOHOLIC BEVERAGES-----	742	718	24					
2091 VEGETABLE OILS, MARG, SHORT-----	14,484	9,368	25					5,091
2092 ANIMAL OILS AND FATS, NEC-----	18	18						
2093 ICE-----	533	533						

Waterborne Commerce of the United States, 1986

EAST RIVER, N. Y. (INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL		
		IMPORTS	EXPORTS	INTERNAL				
				COASTWISE	INTERNAL			
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2099 MISCELLANEOUS FOOD PRODUCTS-----	6,478	6,300	178					
2111 TOBACCO MANUFACTURES-----	23	6	17					
2211 BASIC TEXTILE PRODUCTS-----	4,023	1,301	2,722					
2212 TEXTILE FIBERS, NEC-----	127	127						
2311 APPAREL-----	426	339	87					
2414 TIMBER, POSTS, POLES, PLYTR-----	54		54					
2421 LUMBER-----	87,519	87,519						
2431 VEVEER, PLYWOOD, WORKED WOOD-----	81	81						
2491 WOOD MANUFACTURES, NEC-----	112	107	5					
2511 FURNITURE AND FIXTURES-----	189	168	21					
2611 PULP-----	9		9					
2621 STANDARD NEWSPRINT PAPER-----	30		30					
2631 PAPER AND PAPERBOARD-----	3,922	632	3,290					
2691 PULP AND PAPER PRODUCTS, NEC-----	89	55	34					
2711 PRINTED MATTER-----	420	183	235					
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	320	320						
2812 DYES, PIGMENT, TANNING MATS-----	43		43					
2813 ALCOHOLS-----	394		394					
2816 RADIOACTIVE MATERIALS, WASTE-----	1		1					
2819 BASIC CHEMICALS AND PROD, NEC-----	6,156	2,307	3,850					
2821 PLASTIC MATERIALS-----	4,033	1,227	2,806					
2822 SYNTHETIC RUBBER-----	158		158					
2823 SYNTHETIC (MAN-MADE) FIBERS-----	124	123	1					
2831 DRUGS-----	113	12	101					
2841 SOAP-----	1,030	594	436					
2851 PAINTS-----	303	204	99					
2861 GUM AND WOOD CHEMICALS-----	479	464	15					
2876 INSECTICIDES, DISINFECTANTS-----	634		634					
2891 MISCELLANEOUS CHEMICAL PROD-----	1,736	201	1,535					
2911 GASOLINE-----	31,813				11,000			20,723
2912 JET FUEL-----	10,237							10,237
2913 KEROSENE-----	35,762				715		3,608	31,351
2914 DISTILLATE FUEL OIL-----	1,232,925			27,987	42,842	29,658	51,167	1,061,275
2915 RESIDUAL FUEL OIL-----	4,073,586	1,034,234		634,236	116,621		42,504	2,245,795
2916 LUBRICATING OILS AND GREASES-----	1,187	11	743					431
2917 NAPHTHA, PETROLEUM SOLVENTS-----	22		22					
2918 ASPHALT, TAR, AND BITUMENS-----	55,031		17	8,907		42,500		3,527
2921 LIQUEFIED GASES-----	1		1					
2951 ASPHALT BUILDING MATERIALS-----	12		12					
2991 PETROLEUM AND COAL PROD, NEC-----	1,320	225						1,103
3011 RUBBER AND MISC PLASTIC PROD-----	5,614	5,500	114					
3111 LEATHER AND LEATHER PRODUCTS-----	388	335	53					
3211 GLASS AND GLASS PRODUCTS-----	560	484	76					
3241 BUILDING CEMENT-----	329,003	304,464						24,539
3251 STRUCTURAL CLAY PRODUCTS-----	2,992	2,807	110					
3281 CUT STONE AND STONE PRODUCTS-----	646	631	15					
3291 MISC NONMETALLIC MINERAL PROD-----	722	706	16					
3311 PIG IRON-----	9,515		9,515					
3314 IRON AND STEEL PRIMARY FORMS-----	28		28					
3315 IRON, STEEL SHAPES, EXC SHEET-----	4,170	4,054	114					
3316 IRON AND STEEL PLATES, SHEETS-----	845	845						
3317 IRON AND STEEL PIPE AND TUBE-----	181	158	23					
3319 IRON AND STEEL PRODUCTS, NEC-----	199	21	178					
3321 NONFERROUS METALS, NEC-----	48	44	4					
3322 COPPER ALLOYS, UNWORKED-----	20,943	20,933	10					
3324 ALUMINUM AND ALLOYS, UNWORKED-----	1,266	1,200	50					
3411 FABRICATED METAL PRODUCTS-----	1,393	1,219	174					
3511 MACHINERY, EXCEPT ELECTRICAL-----	4,366	2,720	1,646					
3611 ELECTRICAL MACH AND EQUIP-----	3,370	1,355	1,965					
3711 MOTOR VEHICLES, PARTS, EQUIP-----	1,798	577	1,221					
3721 AIRCRAFT AND PARTS-----	34	20	14					
3731 SHIPS AND BOATS-----	31	20	3					
3791 MISC TRANSPORTATION EQUIPMENT-----	1,136	923	213					
3811 INSTR, TIME, PHOTO, OPT GOODS-----	247	112	135					
3911 MISC MANUFACTURED PRODUCTS-----	273	239	34					
4012 NONFERROUS METAL SCRAP-----	939		939					
4022 TEXTILE WASTE, SCRAP, SWEEP-----	16,219	56	16,163					
4024 PAPER WASTE AND SCRAP-----	190		190					
4029 WASTE AND SCRAP, NEC-----	2,691,419					1,951,600		940,419
4111 WATER-----	2,922					2,922		2,922
4112 COMMODITIES, NEC-----	215,720	489	613					214,618
9999 DEPARTMENT OF DEFENSE AND SCI-----	20		20					
TOTAL TON-MILES, 5x2,001,869,								

MONTON CREEK, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM EAST RIVER TO JOHNSON AVENUE. CONTROLLING DEPTH: MAIN CHANNEL, 20 FEET TO 12 FEET FROM EAST RIVER TO SOUTH END OF TURNING BASIN; BALANCE OF WATERWAY RANGES BETWEEN 12 AND 16 FEET. PROJECT DEPTH: 25, 20, AND 12 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: 5.2 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	4,349,921	1982-----	2,109,603
1978-----	4,249,493	1983-----	1,974,937
1979-----	3,275,210	1984-----	2,100,424
1980-----	3,088,670	1985-----	2,278,083
1981-----	2,906,740	1986-----	3,037,778

NEW YORK, NY, DISTRICT

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NEWTOWN CREEK, N. Y. (INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL		LOCAL
		RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	3,037,778	131,416	13,292	50,616	106,141	2,736,313
1442 SAND, GRAVEL, CRUSHED ROCK-----	254,331	131,416	-----	49,156	-----	73,759
1499 NONMETALLIC MINERALS, NEC-----	4,000	-----	-----	-----	-----	4,000
2011 GASOLINE-----	1,022,663	-----	3,278	-----	-----	1,019,385
2012 JET FUEL-----	851	-----	-----	-----	-----	851
2013 KEROSENE-----	15,361	-----	-----	-----	-----	15,361
2014 DISTILLATE FUEL OIL-----	519,872	-----	5,014	1,460	1,141	512,257
2015 RESIDUAL FUEL OIL-----	59,585	-----	-----	-----	-----	59,585
2017 NAPHTHA, PETROLEUM SOLVENTS-----	13,766	-----	-----	-----	-----	13,766
4011 IRON AND STEEL SCRAP-----	293,519	-----	5,000	-----	-----	288,519
4029 WASTE AND SCRAP, NEC-----	853,830	-----	-----	-----	105,000	748,830
TOTAL TON-MILES, 4,896,098.						

BUTTERNUT CHANNEL, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM EAST RIVER TO ANCHORAGE CHANNEL. CONTROLLING DEPTH: 35-FOOT PROJECT WESTERLY HALF OF CHANNEL. DEPTH AT 35 FEET: 40-FOOT PROJECT EASTERLY HALF OF CHANNEL. DEPTH AT 40 FEET. PROJECT DEPTH: 35 FEET AND 40 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: 2.3 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	THROUGH TRAFFIC (TONS)	ADDITIONAL TRAFFIC			
				RAILROAD FREIGHT CARS			
				RECEIPTS		SHIPMENTS	
				EMPTY	LOADED	EMPTY	LOADED
1977-----	1,645,738	6	887,126	816	4,594	4,052	967
1978-----	1,502,107	-----	744,107	130	3,762	3,048	130
1979-----	1,123,823	-----	551,819	-----	-----	-----	-----
1980-----	1,120,740	-----	412,261	12	359	398	34
1981-----	993,534	-----	455,018	-----	-----	-----	-----
1982-----	777,571	-----	431,623	69	2625	2410	160
1983-----	746,990	-----	342,415	14	1432	1137	231
1984-----	688,839	-----	360,407	-----	-----	-----	-----
1985-----	611,508	-----	267,191	-----	-----	-----	-----
1986-----	374,786	-----	263,366	-----	-----	-----	-----

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	COASTWISE		
				RECEIPTS	SHIPMENTS	
TOTAL-----	376,786	229,657	96,739	153	3,390	48,843
0103 CORN-----	58	-----	58	-----	-----	-----
0105 RICE-----	58	58	-----	-----	-----	-----
0106 BORSUM GRAINS-----	55	-----	55	-----	-----	-----
0119 OILSEEDS, NEC-----	21	-----	21	-----	-----	-----
0121 TOBACCO, LEAF-----	673	540	83	-----	-----	-----
0129 FIELD CROPS, NEC-----	901	868	33	-----	-----	-----
0131 FRESH FRUITS-----	215	104	111	-----	-----	-----
0132 BANANAS AND PLANTAINS-----	100	100	-----	-----	-----	-----
0133 COFFEE-----	29,671	29,660	11	-----	-----	-----
0134 COCOA BEANS-----	605	605	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	3,250	2,805	453	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	1,111	735	376	-----	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	25	25	-----	-----	-----	-----
0841 CRUDE RUBBER AND ALLIED GUMS-----	419	354	65	-----	-----	-----
0861 FOREST PRODUCTS, NEC-----	6,825	6,490	327	-----	-----	-----
0911 FRESH FISH, EXCEPT SMELLFISH-----	631	604	27	-----	-----	-----
0912 SMELLFISH, EXCEPT PREPARED-----	3,095	3,093	2	-----	-----	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	2	2	-----	-----	-----	-----
1011 IRON ORE AND CONCENTRATES-----	112	-----	112	-----	-----	-----
1051 ALUMINUM ORES, CONCENTRATED-----	127	110	17	-----	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	564	555	9	-----	-----	-----
1121 COAL AND LIGNITE-----	66	-----	66	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	498	476	22	-----	-----	-----
1451 CLAY-----	585	239	346	-----	-----	-----
1491 GALT-----	73	-----	73	-----	-----	-----
1494 GYPSUM, CRUDE AND PLASTERS-----	2	2	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	11,340	7,740	3,576	-----	-----	-----
1911 ORNANCE AND ACCESSORIES-----	171	90	81	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	442	-----	442	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	2,277	2,149	128	-----	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	660	-----	660	-----	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	322	50	272	-----	-----	-----
2021 DAIRY PRODUCTS, NEC-----	107	53	134	-----	-----	-----
2022 DRIED MILK AND CREAM-----	100	-----	100	-----	-----	-----
2031 FISH AND SMELLFISH, PREPARED-----	2,738	2,722	16	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	1,793	1,497	296	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	10,798	10,612	186	-----	-----	-----
2041 WHEAT FLOUR AND SEMOLINA-----	45	-----	45	-----	-----	-----

Waterborne Commerce of the United States, 1986

BUTTERMILK CHANNEL, N. Y. (INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	SHIPMENTS	
2042 ANIMAL FEEDS-----	1,161	65	1,096			
2049 GRAIN MILL PRODUCTS, NEC-----	1,188	668	520			
2061 SUGAR-----	36	19	17			
2062 MOLASSES-----	3		3			
2081 ALCOHOLIC BEVERAGES-----	4,201	4,181	20			
2091 VEGETABLE OILS, NARG, SHORT-----	11,447	5,639	607			5,001
2092 ANIMAL OILS AND FATS, NEC-----	10		10			
2095 ICE-----	532	532				
2099 MISCELLANEOUS FOOD PRODUCTS-----	14,759	12,450	2,309			
2111 TOBACCO MANUFACTURES-----	20		20			
2211 BASIC TEXTILE PRODUCTS-----	6,661	4,216	2,445			
2311 APPAREL-----	1,623	1,243	380			
2411 LOGS-----	263	116	147			
2413 FUEL WOOD, CHARCOAL, WASTES-----	217		217			
2414 TIMBER, POSTS, POLES, PILING-----	151	151				
2416 WOOD CHIPS, STAVES, MOLDINGS-----	122	122				
2421 LUMBER-----	539	245	294			
2431 VENEER, PLYWOOD, WORKED WOOD-----	151	87	64			
2491 WOOD MANUFACTURES, NEC-----	1,606	1,294	312			
2511 FURNITURE AND FIXTURES-----	9,526	9,269	257			
2611 PULP-----	194	107	7			
2621 STANDARD NEWSPRINT PAPER-----	359		359			
2631 PAPER AND PAPERBOARD-----	8,905	4,910	3,995			
2691 PULP AND PAPER PRODUCTS, NEC-----	2,952	2,463	489			
2711 PRINTED MATTER-----	1,710	1,039	671			
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	610	405	205			
2812 DYES, PIGMENT, TANNING MATS-----	233		233			
2813 ALCOHOLS-----	75	17	58			440
2817 BENZENE AND TOLUENE-----	22		22			
2819 BASIC CHEMICALS AND PROD, NEC-----	9,137	2,947	6,190			
2821 PLASTIC MATERIALS-----	14,652	7,484	7,168			
2822 SYNTHETIC RUBBER-----	3,715		3,715			
2823 SYNTHETIC (MAN-MADE) FIBERS-----	2,020	1,323	697			
2831 DRUGS-----	857	502	355			
2841 SOAP-----	2,905	796	2,109			
2851 PAINTS-----	2,098	1,406	692			
2861 GUM AND WOOD CHEMICALS-----	236	227	11			
2871 NITROGENOUS CHEM FERTILIZERS-----	43		43			
2872 POTASSIC CHEM FERTILIZERS-----	33		33			
2876 INSECTICIDES, DISINFECTANTS-----	758	28	730			
2891 MISCELLANEOUS CHEMICAL PROD-----	7,534	1,009	6,525			
2911 GASOLINE-----	1,657		34		1,623	
2913 KEROSENE-----	74		74			
2914 DISTILLATE FUEL OIL-----	7,713					7,713
2915 RESIDUAL FUEL OIL-----	34,656					34,656
2916 LUBRICATING OILS AND GREASES-----	3,080	9	2,042			1,033
2917 NAPHTHA, PETROLEUM SOLVENTS-----	36		36			
2918 ASPHALT, TAR, AND BITUMENS-----	3,792	3,754	38			
2921 LIQUEFIED GASES-----	159		159			
2951 ASPHALT BUILDING MATERIALS-----	133		133			
2991 PETROLEUM AND COAL PROD, NEC-----	136		136			
3011 RUBBER AND MISC PLASTIC PROD-----	3,624	2,377	1,247			
3111 LEATHER AND LEATHER PRODUCTS-----	6,611	6,494	117			
3211 GLASS AND GLASS PRODUCTS-----	2,457	2,002	455			
3241 BUILDING CEMENT-----	33,901	31,701	2,200			
3251 STRUCTURAL CLAY PRODUCTS-----	7,093	6,606	487			
3271 LIME-----	10		10			
3281 CUT STONE AND STONE PRODUCTS-----	2,056	1,992	64			
3291 MISC NONMETALLIC MINERAL PROD-----	1,584	1,172	412			
3314 IRON AND STEEL PRIMARY FORMS-----	8,875	8,865	10			
3315 IRON, STEEL SHAPES, EXC SHEET-----	1,830	1,574	256			
3316 IRON AND STEEL PLATES, SHEETS-----	2,906		2,906			
3317 IRON AND STEEL PIPE AND TUBE-----	259	124	135			
3318 FERROALLOYS-----	24	23	1			
3319 IRON AND STEEL PRODUCTS, NEC-----	744		430			
3321 NONFERROUS METALS, NEC-----	2,353	1,343	1,010			
3322 COPPER ALLOYS, UNWORKED-----	4,822	4,781	41			
3323 LEAD AND ZINC, UNWORKED-----	465	22	443			
3324 ALUMINUM AND ALLOYS, UNWORKED-----	4,420	4,054	372			
3411 FABRICATED METAL PRODUCTS-----	6,376	4,805	1,571			
3511 MACHINERY, EXCEPT ELECTRICAL-----	11,951	4,110	7,841			
3611 ELECTRICAL MACH AND EQUIP-----	6,254	2,524	3,730			
3711 MOTOR VEHICLES, PARTS, EQUIP-----	3,682	491	3,191			
3721 AIRCRAFT AND PARTS-----	145		145			
3731 SHIPS AND BOATS-----	124	85	39			
3791 MISC TRANSPORTATION EQUIPMENT-----	306	154	152			
3811 INSTR, TIME, PHOTO, OPT GOODS-----	2,004	943	1,061			
3911 MISC MANUFACTURED PRODUCTS-----	1,186	821	365			
4011 IRON AND STEEL SCRAP-----	703		703			
4012 NONFERROUS METAL SCRAP-----	1,489		1,489			
4022 TEXTILE WASTE, SCRAP, SWEEP-----	1,680	44	1,636			
4024 PAPER WASTE AND SCRAP-----	8,112	572	7,540			
4112 COMMODITIES, NEC-----	3,758	295	1,530	153	1,771	
9999 DEPARTMENT OF DEFENSE AND SCI-----	599		599			
TOTAL TON-MILES, 1,292,820.						

NEW YORK, NY, DISTRICT

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BAY RIDGE AND RED HOOK CHANNELS, N. Y.
(INCLUDED IN PORT OF NEW YORK)SECTION INCLUDED: FROM NARROWS TO BUTTERNUT CHANNEL, CONTROLLING DEPTH: 40 FEET FROM NARROWS TO 69TH STREET PIER, BROOKLYN;
BALANCE OF WATERWAY RANGES FROM 35 TO 34.3 FEET, PROJECT DEPTH: 40 FEET, ALL AT MEAN LOW WATER, PROJECT LENGTH: 4 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	THROUGH TRAFFIC (TJNS)	ADDITIONAL TRAFFIC			
				RAILROAD FREIGHT CARS		SHIPMENTS	
				RECEIPTS	LOADED	EMPTY	LOADED
1977	2,457,885	118,452	3,117,239	-----	-----	-----	-----
1978	2,301,604	218,133	2,620,589	1,156	123	23	1,267
1979	1,683,504	-----	2,379,412	161	4,480	4,181	1,065
1980	1,937,273	-----	2,006,237	90	1,901	1,685	220
1981	2,059,639	-----	1,457,815	-----	-----	-----	-----
1982	1,595,096	-----	1,375,991	-----	-----	-----	-----
1983	1,176,062	-----	1,057,997	-----	-----	-----	-----
1984	1,572,581	-----	1,032,825	-----	-----	-----	-----
1985	1,842,987	-----	713,588	-----	-----	-----	-----
1986	1,261,743	-----	857,110	-----	-----	-----	-----

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL		
		IMPORTS	EXPORTS	INTERNAL				
				RECEIPTS	SHIPMENTS			
TOTAL	1,261,743	460,629	167,087	2,697	28,389	65,173	399,280	138,488
0103 CORN	238	216	22					
0105 RICE	349	342	7					
0106 SORGHUM GRAINS	45	45						
0111 SOYBEANS	87	87						
0119 OILSEEDS, NEC	362	358	4					
0121 TOBACCO, LEAF	82	82						
0129 FIELD CROPS, NEC	2,757	2,752	5					
0131 FRESH FRUITS	784	393	391					
0132 BANANAS AND PLANTAINS	4,738	4,738						
0133 COFFEE	66,735	63,983	2,752					
0134 COCOA BEANS	2,025	2,014	11					
0141 FRESH AND FROZEN VEGETABLES	3,230	2,423	807					
0141 ANIMALS AND PRODUCTS, NEC	1,770	1,182	588					
0191 MISCELLANEOUS FARM PRODUCTS	89	64	25					
0841 CRUDE RUBBER AND ALLIED GUMS	4,719	4,535	184					
0841 FOREST PRODUCTS, NEC	7,423	6,981	442					
0911 FRESH FISH, EXCEPT SHELLFISH	1,729	1,722	7					
0912 SHELLFISH, EXCEPT PREPARED	7,077	7,075	2					
1051 ALUMINUM ORES, CONCENTRATES	16	16						
1061 MANGANESE ORES, CONCENTRATES	22	22						
1091 NONFERROUS ORES, CONCENT, NEC	621	80	20					
1121 COAL AND LIGNITE	401	195	206					
1411 LIMESTONE	328		328					
1412 BUILDING STONE, UNWORKED	167		167					
1422 SAND, GRAVEL, CRUSHED ROCK	67,910	2,461	276			65,173		
1451 CLAY	728	196	532					
1471 PHOSPHATE ROCK	78		78					
1491 SALT	240		240					
1492 SULPHUR, DRY	161		161					
1494 GYPSUM, CRUDE AND PLASTERS	167		167					
1499 NONMETALLIC MINERALS, NEC	6,156	1,529	4,627					
1911 ORDNANCE AND ACCESSORIES	407	353	54					
2011 MEAT, FRESH, CHILLED, FROZEN	1,398	23	1,375					
2012 MEAT AND PRODUCTS, NEC	4,692	4,585	107					
2014 TALLOW, ANIMAL FATS AND OILS	2,448		2,448					
2015 ANIMAL BY-PRODUCTS, NEC	643	335	308					
2021 DAIRY PRODUCTS, NEC	558	431	127					
2022 DRIED MILK AND CREAM	616		616					
2031 FISH AND SHELLFISH, PREPARED	3,696	3,577	119					
2034 VEGETABLES AND PREP, NEC	12,830	12,236	594					
2039 PREP FRUIT AND VEG JUICE, NEC	25,224	24,753	471					
2041 WHEAT FLOUR AND SEMOLINA	781		781					
2042 ANIMAL FEEDS	1,709	22	1,687					
2049 GRAIN MILL PRODUCTS, NEC	2,574	1,688	886					
2061 SUGAR	9,785	9,726	59					
2062 MOLASSES	16		16					
2081 ALCOHOLIC BEVERAGES	15,969	15,732	237					
2091 VEGETABLE OILS, MARG, SHORT	11,264	9,731	773					1,760
2092 ANIMAL OILS AND FATS, NEC	16	16						
2095 ICE	1,526	1,526						
2099 MISCELLANEOUS FOOD PRODUCTS	39,785	37,127	2,658					
2111 TOBACCO MANUFACTURES	69	17	52					
2211 BASIC TEXTILE PRODUCTS	27,684	19,989	7,695					
2212 TEXTILE FIBERS, NEC	328	328						
2311 APPAREL	7,169	6,933	236					
2411 LOGS	262	262						
2413 FUEL WOOD, CHARCOAL, WASTES	390		390					
2414 TIMBER, POSTS, POLES, PILING	71	71						
2416 WOOD CHIPS, STAVES, MOLDINGS	72	72						
2421 LUMBER	822	684	138					
2431 VENEER, PLYWOOD, WORKED WOOD	820	770	50					
2491 WOOD MANUFACTURES, NEC	2,353	2,279	74					
2511 FURNITURE AND FIXTURES	27,997	27,505	492					
2611 PULP	574	424	150					
2621 STANDARD NEWSPRINT PAPER	446		446					
2631 PAPER AND PAPERBOARD	13,912	9,025	4,887					

Waterborne Commerce of the United States, 1986

RAY RIDGE AND RED HOOK CHANNELS, N. Y.
(INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
2691 PULP AND PAPER PRODUCTS, NEC-----	3,835	3,001	834	-----	-----	-----	-----	-----
2711 PRINTED MATTER-----	3,622	2,334	1,284	-----	-----	-----	-----	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	756	720	36	-----	-----	-----	-----	-----
2812 DYES, PIGMENT, TANNING MATS-----	347	-----	347	-----	-----	-----	-----	-----
2813 ALCOHOLS-----	635	43	592	-----	-----	-----	-----	-----
2816 RADIOACTIVE MATERIALS, WASTES-----	3	-----	3	-----	-----	-----	-----	-----
2817 BENZENE AND TOLUENE-----	11	-----	11	-----	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	15,129	6,774	8,355	-----	-----	-----	-----	-----
2821 PLASTIC MATERIALS-----	19,120	9,486	9,634	-----	-----	-----	-----	-----
2822 SYNTHETIC RUBBER-----	2,677	18	2,659	-----	-----	-----	-----	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	3,628	2,426	1,202	-----	-----	-----	-----	-----
2831 DRUGS-----	1,347	686	661	-----	-----	-----	-----	-----
2841 SOAP-----	3,700	1,372	2,328	-----	-----	-----	-----	-----
2851 PAINTS-----	3,912	2,504	1,408	-----	-----	-----	-----	-----
2861 GUM AND GUMM CHEMICALS-----	285	197	88	-----	-----	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	544	110	434	-----	-----	-----	-----	-----
2872 POTASSIC CHEM FERTILIZERS-----	361	-----	361	-----	-----	-----	-----	-----
2876 INSECTICIDES, DISINFECTANTS-----	1,484	159	1,325	-----	-----	-----	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	192	-----	192	-----	-----	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	10,046	1,571	8,485	-----	-----	-----	-----	-----
2911 GASOLINE-----	25,800	-----	110	-----	19,631	-----	-----	6,059
2913 KEROSENE-----	1,399	-----	-----	-----	-----	-----	-----	1,399
2914 DISTILLATE FUEL OIL-----	12,764	-----	-----	2,697	2,668	-----	-----	7,399
2915 RESIDUAL FUEL OIL-----	70,916	36,233	-----	-----	6,090	-----	12,280	25,313
2916 LUBRICATING OILS AND GREASES-----	3,359	1	2,966	-----	-----	-----	-----	392
2917 NAPHTHA, PETROLEUM SOLVENTS-----	49	-----	49	-----	-----	-----	-----	-----
2918 ASPHALT, TAR, AND BITUMENS-----	2,239	2,046	193	-----	-----	-----	-----	-----
2920 COKE, PETROLEUM COKE-----	80	-----	80	-----	-----	-----	-----	-----
2921 LIQUEFIED GASES-----	249	-----	249	-----	-----	-----	-----	-----
2951 ASPHALT BUILDING MATERIALS-----	3	-----	3	-----	-----	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	1,496	649	736	-----	-----	-----	-----	111
3011 RUBBER AND MISC PLASTIC PROD-----	6,193	4,151	2,032	-----	-----	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	7,661	7,264	397	-----	-----	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	12,668	11,977	691	-----	-----	-----	-----	-----
3281 BUILDING CEMENT-----	1,218	-----	1,218	-----	-----	-----	-----	-----
3291 STRUCTURAL CLAY PRODUCTS-----	7,383	6,933	450	-----	-----	-----	-----	-----
3271 LIME-----	1	-----	1	-----	-----	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	4,073	4,054	19	-----	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	2,941	1,945	996	-----	-----	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	19	-----	19	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	5,834	5,303	531	-----	-----	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	3,823	-----	3,823	-----	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	2,768	2,030	738	-----	-----	-----	-----	-----
3318 FERROALLOYS-----	35	32	3	-----	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	1,296	524	772	-----	-----	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	3,191	2,115	1,036	-----	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	7,531	7,217	314	-----	-----	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	478	449	29	-----	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	6,199	6,943	1,256	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	16,207	13,114	3,088	-----	-----	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	25,932	8,818	17,114	-----	-----	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	13,782	6,984	7,698	-----	-----	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	7,901	1,278	6,623	-----	-----	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	45	16	29	-----	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	120	84	36	-----	-----	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	1,471	590	881	-----	-----	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	2,709	598	2,111	-----	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	3,044	2,279	765	-----	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	421	-----	421	-----	-----	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	1,568	52	1,516	-----	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, WHEEP-----	8,469	-----	8,469	-----	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	14,919	2,384	12,535	-----	-----	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	483,055	-----	-----	-----	-----	-----	387,000	96,055
4112 COMMODITIES, NEC-----	3,899	794	3,105	-----	-----	-----	-----	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	3,401	-----	3,401	-----	-----	-----	-----	-----
TOTAL TON-MILES, 4,473,870.								

GOWANUS CREEK CHANNEL, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM 28TH STREET TO HAMILTON AVENUE BRIDGE, CONTROLLING DEPTH: 30 FEET FROM ENTRANCE TO PERCIVAL STREET, THENCE 28 FEET TO SIGOURNEY STREET, THENCE 15 FEET TO HAMILTON AVE., 20 FEET IN BRANCH CHANNEL IN HENRY ST. BASIN. PROJECT DEPTH: 30 FEET AND 10 FEET ALL AT MEAN LOW WATER. PROJECT LENGTH: 0.8 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	3,200,485	565,165	1982-----	1,440,791	630,711
1978-----	2,685,078	503,887	1983-----	998,091	838,062
1979-----	2,563,248	498,398	1984-----	976,992	862,302
1980-----	2,211,116	616,262	1985-----	627,754	785,881
1981-----	1,909,528	402,395	1986-----	1,381,130	780,475

NEW YORK, NY, DISTRICT

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CUHANUS CREEK CHANNEL, N. Y. (INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	1,381,130	115,749	22	9,197	6,224	162,140	3,750	1,084,068
0133 COFFEE-----	7,074	7,074						
0161 ANIMALS AND PRODUCTS, NEC-----	2		2					
1442 SAND, GRAVEL, CRUSHED ROCK-----	171,337			9,197		162,140		
1499 NONMETALLIC MINERALS, NEC-----	16		16					
2211 BASIC TEXTILE PRODUCTS-----	5	5						
2621 PLASTIC MATERIALS-----	23	23						
2911 GASOLINE-----	20,016							20,016
2914 DISTILLATE FUEL OIL-----	232,845				6,224			226,621
2915 RESIDUAL FUEL OIL-----	279,047						3,750	275,297
2916 LUBRICATING OILS AND GREASES-----	37							37
3241 BUILDING CEMENT-----	108,590	108,590						
3281 CUT STONE AND STONE PRODUCTS-----	3	3						
3317 IRON AND STEEL PIPE AND TUBE-----	4	4						
3411 FABRICATED METAL PRODUCTS-----	23	23						
3511 MACHINERY, EXCEPT ELECTRICAL-----	25	25						
3611 ELECTRICAL MACH AND EQUIP-----	6	2	4					
4029 WASTE AND SCRAP, NEC-----	562,077							562,077
TOTAL TON-MILES, 2,161,605.								

CONEY ISLAND CHANNEL, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM NORTON POINT TO DEEP WATER TO SOUTHEAST. CONTROLLING DEPTH: (1970) 20 FEET. PROJECT DEPTH: 20 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: ABOUT 1.3 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	THROUGH TRAFFIC (TONS)	YEAR	THROUGH TRAFFIC (TONS)
1977-----	3,632,468	1982-----	1,862,072
1978-----	3,660,745	1983-----	1,992,360
1979-----	3,123,192	1984-----	2,297,086
1980-----	2,665,287	1985-----	2,101,277
1981-----	2,665,287	1986-----	2,353,681

EAST ROCKAWAY INLET, N. Y. (DESS INLET)
(INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: A CHANNEL FROM DEEP WATER IN THE ATLANTIC OCEAN TO A 12-FOOT DEPTH INSIDE EAST ROCKAWAY INLET. CONTROLLING DEPTH: 5 FEET IN CHANNEL. PROJECT DEPTH: 12 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: 1.0 MILE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	3,194,501	92,210	1982-----	1,852,331	88,420
1978-----	2,953,318	94,160	1983-----	1,899,119	80,480
1979-----	1,724,425	85,640	1984-----	2,035,494	77,720
1980-----	1,571,917	88,970	1985-----	1,743,311	226,774
1981-----	1,771,136	97,290	1986-----	1,385,539	227,022

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL
		THROUGH		THROUGH
		UPBOUND	DOWNBOUND	DOWNBOUND
TOTAL-----	1,385,539	959,308	85,122	341,029
2911 GASOLINE-----	406,203	406,203	-----	-----
2912 JET FUEL-----	566	566	-----	-----
2913 KEROSENE-----	1,295	1,295	-----	-----
2914 DISTILLATE FUEL OIL-----	400,093	400,093	-----	-----
2915 RESIDUAL FUEL OIL-----	151,231	151,231	-----	-----
4029 WASTE AND SCRAP, NEC-----	426,151	-----	85,122	341,029
TOTAL TON-MILES, 1,385,539.				

Waterborne Commerce of the United States, 1986

JAMAICA BAY, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: ENTIRE BAY, CONTROLLING DEPTH: ENTRANCE CHANNEL--20 FEET FROM ATLANTIC OCEAN TO ROCKAWAY POINT, THENCE 18 FEET TO SARREN ISLAND, BRANCH CHANNELS RANGE FROM 12 TO 18 FEET. PROJECT DEPTH: 20, 18, 15 AND 12 FEET, ALL AT MEAN LOW WATER. PROJECT LENGTH: 19.7 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	4,052,596	488,156	1982-----	2,595,566	386,950
1978-----	4,294,252	509,430	1983-----	2,688,679	361,820
1979-----	3,650,630	435,610	1984-----	2,987,607	333,750
1980-----	3,315,554	425,972	1985-----	2,793,763	348,514
1981-----	2,849,469	465,286	1986-----	3,067,595	324,910

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL		LOCAL
		RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	3,067,595	16,085	3,017	130,981	735,700	2,181,812
1442 SAND, GRAVEL, CRUSHED ROCK-----	144,213	13,232	-----	130,981	-----	-----
2911 GASOLINE-----	1,519,618	2,853	3,017	-----	-----	1,513,748
2912 JET FUEL-----	12,327	-----	-----	-----	-----	12,327
2913 KEROSENE-----	16,046	-----	-----	-----	-----	16,046
2914 DISTILLATE FUEL OIL-----	561,759	-----	-----	-----	-----	561,759
2915 RESIDUAL FUEL OIL-----	75,932	-----	-----	-----	-----	75,932
4029 WASTE AND SCRAP, NEC-----	735,700	-----	-----	-----	735,700	-----
TOTAL TON-MILES: 36,776,555.						

RARITAN RIVER, N. J. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM DEEP WATER IN RARITAN BAY TO NEW BRUNSWICK. CONTROLLING DEPTH: MAIN CHANNEL, 25 FEET FROM N. Y. AND N. J. CHANNELS TO JUNCTION OF SOUTH CHANNEL; BALANCE OF WATERWAY RANGES FROM 1 TO 25 FEET. PROJECT DEPTH: 25, 15 AND 10 FEET IN MAIN CHANNEL; 25 AND 10 FEET IN SOUTH CHANNEL. ALL AT MEAN LOW WATER. PROJECT LENGTH: 13.0 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	4,384,353	1982-----	5,322,205
1978-----	5,640,388	1983-----	3,864,783
1979-----	5,058,360	1984-----	3,861,840
1980-----	6,399,400	1985-----	3,939,766
1981-----	6,495,476	1986-----	3,452,023

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL		LOCAL
		RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	3,452,023	11,884	279,165	49,512	898,981	2,216,481
1442 SAND, GRAVEL, CRUSHED ROCK-----	949,751	6,833	9,614	49,512	76,125	807,467
2910 SULPHURIC ACID-----	2,400	-----	2,400	-----	-----	-----
2912 JET FUEL-----	9,720	-----	-----	-----	-----	9,720
2913 KEROSENE-----	107,431	-----	11,395	-----	13,607	82,429
2914 DISTILLATE FUEL OIL-----	254,089	-----	17,149	-----	16,642	220,298
2915 RESIDUAL FUEL OIL-----	1,348,208	5,051	238,407	-----	8,207	1,096,543
2916 LUBRICATING OILS AND GREASES-----	24	-----	-----	-----	-----	24
4029 WASTE AND SCRAP, NEC-----	780,400	-----	-----	-----	780,400	-----
TOTAL TON-MILES: 8,534,566.						

NEW YORK, NY, DISTRICT

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UPPER BAY, NEW YORK HARBOR, N. Y. AND N. J.
(INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM THE HARBOR TO JUNCTION OF HUDSON AND EAST RIVERS, CONTROLLING DEPTH: ANCHORAGE CHANNEL 45 FEET; CHANNEL ALONG N.J. PIERHEAD LINE 19.5 FEET; RED HOOK FLATS ANCHORAGE, 35 FEET AND 45 FEET; LIBERTY ISLAND ANCHORAGE 20 FEET; PROJECT DEPTH AND PROJECT LENGTH: ANCHORAGE CHANNEL 45 FEET, 5.7 MILES; CHANNEL ALONG NEW JERSEY PIERHEAD LINE, 20 FEET, 3 MILES; RED HOOK FLATS ANCHORAGE, 35 AND 45 FEET; LIBERTY (BENLOE) ISLAND ANCHORAGE 20 FEET. ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	THROUGH TRAFFIC (TONS)	ADDITIONAL TRAFFIC				AUTOMOBILES ACCOMPANYING PASSENGERS
				RAILROAD FREIGHT CARS		SHIPMENTS		
				RECEIPTS	LOADED	EMPTY	LOADED	
1977	41,955,727	20,473,651	125,975,159	3,706	881	822	4,126	585,988
1978	41,260,545	20,058,838	126,402,369	3,821	835	536	5,136	626,469
1979	32,474,361	21,004,993	113,647,363	3,336	619	192	4,023	599,152
1980	34,833,524	22,717,873	108,493,524	2,646	6,605	6,261	3,082	679,807
1981	31,475,382	23,174,118	101,049,765	6,354	1,966	1,591	6,765	456,725
1982	26,902,628	22,705,752	100,175,346	7,298	2,360	1,921	10,641	408,219
1983	29,269,840	23,205,052	96,841,397	1,552	253	45	1,813	408,219
1984	37,262,997	22,293,665	103,714,280	-----	-----	-----	-----	453,000
1985	31,512,343	23,926,218	99,705,192	-----	-----	-----	-----	478,818
1986	34,389,239	31,989,882	103,498,056	-----	-----	-----	-----	-----

* DOES NOT INCLUDE THAT PORTION FRONTING BAY RIDGE AND RED HOOK CHANNELS, WHICH IS REPORTED UPON SEPARATELY.

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	SHIPMENTS	
TOTAL-----	34,389,239	20,158,015	403,876	3,806,008	1,313,405	1,301,543	6,925,512
0101 COTTON, RAW-----	19	19	-----	-----	-----	-----	-----
0103 CORN-----	5	5	-----	-----	-----	-----	-----
0105 RICE-----	637	637	-----	-----	-----	-----	-----
0111 SOYBEANS-----	443	-----	443	-----	-----	-----	-----
0119 OILSEEDS, NEC-----	229	229	-----	-----	-----	-----	-----
0121 TOBACCO, LEAF-----	1	1	-----	-----	-----	-----	-----
0129 FIELD CROPS, NEC-----	499	322	177	-----	-----	-----	-----
0131 FRESH FRUITS-----	48	40	8	-----	-----	-----	-----
0132 BANANAS AND PLANTAINS-----	6,355	6,355	-----	-----	-----	-----	-----
0133 COFFEE-----	6,503	6,457	46	-----	-----	-----	-----
0134 COCOA BEANS-----	906	885	-----	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	707	678	29	-----	-----	-----	-----
0143 ANIMALS AND PRODUCTS, NEC-----	434	371	63	-----	-----	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	54	47	7	-----	-----	-----	-----
0841 CRUDE RUBBER AND ALLIED GUMS-----	23,978	23,973	5	-----	-----	-----	-----
0841 FOREST PRODUCTS, NEC-----	6,337	6,186	151	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	549	549	-----	-----	-----	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	1,101	1,101	-----	-----	-----	-----	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	19	19	-----	-----	-----	-----	-----
1051 ALUMINUM ORES, CONCENTRATES-----	45	40	5	-----	-----	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	62	61	1	-----	-----	-----	-----
1311 CRUDE PETROLEUM-----	3,474,028	2,215,346	-----	404,838	38,635	56,681	758,808
1402 SAND, GRAVEL, CRUSHED ROCK-----	3,429	2,463	466	-----	-----	-----	-----
1491 CLAY-----	3,324	3,270	54	-----	-----	-----	-----
1491 SALT-----	29,573	29,573	-----	-----	-----	-----	-----
1494 GYPSUM, CRUDE AND PLASTER-----	25,204	25,186	18	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	39,172	38,933	239	-----	-----	-----	-----
1911 ORNAMENT AND ACCESSORIES-----	55	46	7	-----	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	270	136	134	-----	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	576	576	-----	-----	-----	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	228	-----	228	-----	-----	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	51	51	-----	-----	-----	-----	-----
2021 DAIRY PRODUCTS, NEC-----	677	677	-----	-----	-----	-----	-----
2022 DRIED MILK AND CREAM-----	1,912	206	1,706	-----	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	1,900	1,900	-----	-----	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	3,757	3,677	80	-----	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	4,713	4,711	2	-----	-----	-----	-----
2042 ANIMAL FEEDS-----	407	234	173	-----	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	554	519	35	-----	-----	-----	-----
2061 SUGAR-----	183,186	183,186	-----	-----	-----	-----	-----
2062 MOLASSES-----	1	1	-----	-----	-----	-----	-----
2091 ALCOHOLIC BEVERAGES-----	8,288	8,090	198	-----	-----	-----	-----
2091 VEGETABLE OILS, MARG, SHORT-----	54,725	34,652	79	-----	-----	-----	20,048
2092 ANIMAL OILS AND FATS, NEC-----	21	21	-----	-----	-----	-----	-----
2095 ICE-----	639	639	-----	-----	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	5,051	4,938	513	-----	-----	-----	-----
2111 TOBACCO MANUFACTURES-----	75	22	53	-----	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	4,528	4,135	393	-----	-----	-----	-----
2212 TEXTILE FIBERS, NEC-----	18	18	-----	-----	-----	-----	-----
2311 APPAREL-----	2,439	2,367	72	-----	-----	-----	-----
2411 LOGS-----	27	27	-----	-----	-----	-----	-----
2421 LUMBER-----	20,471	20,343	128	-----	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	588	566	22	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	550	494	56	-----	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	1,512	1,440	72	-----	-----	-----	-----
2611 PULP-----	2,915	2,915	-----	-----	-----	-----	-----
2621 STANDARD NEWSPRINT PAPER-----	281	281	-----	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	2,466	1,683	883	-----	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	501	312	189	-----	-----	-----	-----
2711 PRINTED MATTER-----	1,132	544	588	-----	-----	-----	-----
2810 SODIUM HYDROXIDE-----	46,707	-----	-----	-----	-----	-----	46,707
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	5,385	5,385	-----	-----	-----	-----	-----
2812 DYES, PIGMENT, TANNING MATS-----	84	-----	84	-----	-----	-----	-----

Waterborne Commerce of the United States, 1986

UPPER BAY, NEW YORK HARBOR, N. Y. AND N. J.
(INCLUDED IN PORT OF NEW YORK)---CONTINUED

FREIGHT TRAFFIC, 1986---CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	LOCAL
				RECEIPTS	SHIPMENTS	SHIPMENTS	
2813 ALCOHOLS-----	65,331	47,075	307	0,432	2,354	-----	7,163
2816 RADIOACTIVE MATERIALS, WASTES-----	15	-----	15	-----	-----	-----	-----
2817 BENZENE AND TOLUENE-----	11,981	10,563	-----	-----	-----	-----	1,418
2819 BASIC CHEMICALS AND PROD, NEC-----	949,129	899,571	4,631	5,664	33,277	-----	5,986
2821 PLASTIC MATERIALS-----	5,948	880	5,068	-----	-----	-----	-----
2822 SYNTHETIC RUBBER-----	696	14	682	-----	-----	-----	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	146	128	18	-----	-----	-----	-----
2831 DRUGS-----	746	388	358	-----	-----	-----	-----
2841 SOAP-----	1,265	804	461	-----	-----	-----	-----
2851 PAINTS-----	1,111	931	180	-----	-----	-----	-----
2861 GUM AND GUMMED CHEMICALS-----	48	40	8	-----	-----	-----	-----
2872 POTASSIC CHEM FERTILIZERS-----	26	22	4	-----	-----	-----	-----
2876 INSECTICIDES, DISINFECTANTS-----	948	36	912	-----	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	5,099	1,627	3,472	-----	-----	-----	-----
2911 GASOLINE-----	6,466,979	4,678,907	29,040	331,314	467,238	32,187	988,301
2912 JET FUEL-----	558,760	377,412	-----	60,923	17,840	7,163	96,322
2913 KEROSENE-----	294,247	-----	-----	166,185	4,755	8,514	114,793
2914 DISTILLATE FUEL OIL-----	3,081,317	826,476	-----	1,114,751	92,769	106,877	946,472
2915 RESIDUAL FUEL OIL-----	16,508,543	9,606,713	-----	1,621,017	639,263	989,077	3,452,475
2916 LUBRICATING OILS AND GREASES-----	60,729	4	610	30,367	-----	-----	29,740
2917 NAPHTHA, PETROLEUM SOLVENTS-----	678,189	586,704	-----	-----	35,975	-----	55,510
2918 ASPHALT, TAR, AND BITUMENS-----	18,482	13,860	50	2,209	2,363	-----	-----
2921 LIQUEFIED GASES-----	2,187	2,141	4	-----	-----	-----	-----
2951 ASPHALT BUILDING MATERIALS-----	18	-----	18	-----	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	6,671	62	15	-----	-----	-----	6,594
3011 RUBBER AND MISC PLASTIC PROD-----	1,926	1,405	321	-----	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	1,215	1,162	53	-----	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	1,000	953	47	-----	-----	-----	-----
3241 BUILDING CEMENT-----	195,168	198,669	1,099	-----	-----	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	1,100	887	213	-----	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	6,666	6,665	1	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	631	509	122	-----	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	10,819	10,819	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	14,200	13,679	521	-----	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	363	-----	363	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	637	560	77	-----	-----	-----	-----
3318 FERROALLOYS-----	20	20	-----	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	632	595	37	-----	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	611	541	30	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	777	581	196	-----	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	4	4	-----	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	608	448	160	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	5,469	4,259	1,210	-----	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	13,162	8,044	4,843	270	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	4,591	3,099	1,482	-----	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	4,978	3,009	1,069	-----	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	100	9	91	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	97	94	3	-----	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	219	38	181	-----	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	1,817	656	1,161	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	2,013	1,912	101	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	1,168,583	-----	730,177	43,533	-----	-----	394,873
4012 NONFERROUS METAL SCRAP-----	485	42	443	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SHEEP-----	534	180	354	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	1,751	50	1,693	-----	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	186,246	-----	-----	85,122	-----	101,124	-----
9112 COMMODITIES, NEC-----	60,053	7,016	442	12,563	38,724	-----	308
9999 DEPARTMENT OF DEFENSE AND SCI-----	3,855	-----	3,855	-----	-----	-----	-----
TOTAL TON-MILES, 451,226,506.							

NEWARK BAY, N. J. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: ENTIRE BAY. CONTROLLING DEPTH: 35 FEET IN NEWARK BAY, INCLUDING BRANCH CHANNELS AT PORT NEWARK AND PORT ELIZABETH TO A POINT 1,200 FEET SOUTH OF C. R. R. OF N. J. BRIDGE. BALANCE OF WATERWAY RANGES FROM 32 TO 35 FEET. PROJECT DEPTH: 37 FEET IN ROCK, 35 FEET AND 32 FEET IN OTHER MATERIAL. ALL AT MEAN LOW WATER. PROJECT LENGTH: ABOUT 4.7 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	THROUGH TRAFFIC (TONS)	ADDITIONAL TRAFFIC			
				RAILROAD FREIGHT CARR		SHIPMENTS	
				RECEIPTS	EMPTY	LOADED	EMPTY
1977-----	16,364,789	39	8,988,805	-----	-----	-----	-----
1978-----	17,642,367	1,291	9,611,586	-----	-----	-----	-----
1979-----	15,666,237	-----	9,098,264	-----	-----	-----	-----
1980-----	15,296,449	-----	10,622,497	-----	-----	-----	-----
1981-----	15,252,248	-----	10,259,975	-----	-----	-----	-----
1982-----	13,936,990	-----	11,611,890	-----	-----	-----	-----
1983-----	15,991,347	-----	9,456,320	-----	-----	-----	-----
1984-----	17,928,626	-----	8,720,225	-----	-----	-----	-----
1985-----	16,231,907	-----	9,901,449	-----	-----	-----	-----
1986-----	16,380,644	-----	9,538,697	-----	-----	-----	-----

NEW YORK, NY, DISTRICT

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NEWARK BAY, N. J. (INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			LOCAL
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	COASTWISE SHIPMENTS	INTERNAL SHIPMENTS	
TOTAL-----	18,380,644	8,912,334	3,992,036	1,103,615	2,113,976	278,577	1,980,106
0101 COTTON, RAW-----	270		270				
0102 BARLEY AND RYE-----	1,508	1,180	328				
0103 CORN-----	2,267	188	1,988		91		
0104 OATS-----	4	4					
0105 RICE-----	9,746	9,582	114	23	23		
0106 SORGHUM GRAINS-----	957		449	15	493		
0107 WHEAT-----	13,000	13,000					
0111 SOYBEANS-----	9,457	13	9,444				
0119 OILSEEDS, NEC-----	9,446	4,866	1,749	2,631			
0121 TOBACCO, LEAF-----	3,569	1,431	1,419	372	347		
0122 HAY AND FODDER-----	179				179		
0129 FIELD CROPS, NEC-----	15,330	14,392	870		68		
0131 FRESH FRUITS-----	30,771	6,104	22,912	1,236	519		
0132 BANANAS AND PLANTAINS-----	435,562	435,537	6	19			
0133 COFFEE-----	204,457	151,005	12,481	40,398	573		
0134 COCOA BEANS-----	32,217	17,055	191	14,466	503		
0141 FRESH AND FROZEN VEGETABLES-----	98,935	19,802	10,817	17,542	50,774		
0151 LIVE ANIMALS-----	1,403	3	83		1,317		
0161 ANIMALS AND PRODUCTS, NEC-----	35,707	18,776	16,512		419		
0191 MISCELLANEOUS FARM PRODUCTS-----	20,917	18,565	2,113		239		
0841 CRUDE RUBBER AND ALLIED GUMS-----	21,579	19,914	1,438		227		
0861 FOREST PRODUCTS, NEC-----	36,664	32,101	2,564	687	1,308		
0911 FRESH FISH, EXCEPT SHELLFISH-----	50,279	34,593	12,784	18	2,484		
0912 SHELLFISH, EXCEPT PREPARED-----	40,194	35,500	3,906	144	648		
0931 MARINE SHELLS, UNMANUFACTURED-----	214	209	5				
1011 IRON ORE AND CONCENTRATES-----	481	107	374				
1021 COPPER ORE AND CONCENTRATES-----	43	6	37				
1051 ALUMINUM ORES, CONCENTRATES-----	15,695	15,010	685				
1061 MANGANESE ORES, CONCENTRATES-----	16		16				
1091 NONFERROUS ORES, CONCENT, NEC-----	5,226	2,030	3,153	43			
1121 COAL AND LIGNITE-----	381,956	120	381,793		43		
1311 CRUDE PETROLEUM-----	964						968
1411 LIMESTONE-----	3,661	24	3,547		90		
1412 BUILDING STONE, UNWORKED-----	8,135		7,884	27	224		
1442 SAND, GRAVEL, CRUSHED ROCK-----	39,461	33,999	5,086		376		
1451 CLAY-----	22,559	15,767	6,063	496	233		
1471 PHOSPHATE ROCK-----	701	62	639				
1491 SALT-----	95,378	85,952	1,705	46	7,675		
1492 SULPHUR, DRY-----	4,739		4,735		4		
1494 GYPSUM, CRUDE AND PLASTERS-----	1,167	73	1,054		40		
1499 NONMETALLIC MINERALS, NEC-----	86,378	68,754	12,981		1,683		3,000
1911 ORDNANCE AND ACCESSORIES-----	4,310	2,983	1,323		4		
2011 MEAT, FRESH, CHILLED, FROZEN-----	98,181	13,758	58,779	19	25,625		
2012 MEAT AND PRODUCTS, NEC-----	100,893	91,066	3,083		6,744		
2014 TALLOW, ANIMAL FATS AND OILS-----	40,732		40,130		602		
2015 ANIMAL BY-PRODUCTS, NEC-----	17,362	3,360	12,966	945	21		
2021 DAIRY PRODUCTS, NEC-----	104,534	91,776	3,407	19	9,332		
2022 DRIED MILK AND CREAM-----	20,533	573	11,919	63	7,976		
2031 FISH AND SHELLFISH, PREPARED-----	121,232	66,701	2,720	32,148	19,663		
2034 VEGETABLES AND PREP, NEC-----	190,583	154,251	9,095	5,646	18,591		
2039 PREP FRUIT AND VEG JUICE, NEC-----	330,617	312,255	12,447	2,926	2,989		
2041 WHEAT FLOUR AND SEMOLINA-----	2,149		1,510	14	625		
2042 ANIMAL FEEDS-----	58,458	13,397	40,338	3,203	1,520		
2049 GRAIN MILL PRODUCTS, NEC-----	106,096	74,239	23,832	2,295	5,730		
2061 SUGAR-----	3,821	352	2,033	110	1,326		
2062 MOLASSES-----	16,163	10,115	178	5,870			
2081 ALCOHOLIC BEVERAGES-----	705,414	660,474	22,841	10,475	11,624		
2091 VEGETABLE OILS, MARG, SHORT-----	220,122	159,951	7,879	1,175	2,591		48,526
2092 ANIMAL OILS AND FATS, NEC-----	1,677	1,515	162				
2094 GROCERIES-----	86				86		
2095 ICE-----	59,644	59,644					
2099 MISCELLANEOUS FOOD PRODUCTS-----	307,437	215,142	41,113	10,207	40,975		
2111 TOBACCO MANUFACTURES-----	6,257	885	2,442	2,356	574		
2211 BASIC TEXTILE PRODUCTS-----	153,080	110,227	33,742	334	8,777		
2212 TEXTILE FIBERS, NEC-----	12,574	12,116	54	3	401		
2311 APPAREL-----	133,144	110,289	3,502	3,268	16,005		
2411 LOGS-----	18,058	11,368	6,690				
2413 FUEL WOOD, CHARCOAL, WASTES-----	1,023	58	965				
2414 TIMBER, POSTS, POLES, PILING-----	1,124	1,124					
2416 WOOD CHIPS, STAVES, MOLDINGS-----	2,025	482	1,543				
2421 LUMBER-----	265,179	214,948	49,972	84	175		
2431 VENEER, PLYWOOD, WORKED WOOD-----	9,899	8,033	1,853		13		
2491 WOOD MANUFACTURES, NEC-----	41,259	36,509	3,258	379	1,113		
2511 FURNITURE AND FIXTURES-----	169,853	155,133	8,453	778	5,489		
2611 PULP-----	25,557	20,741	4,816				
2621 STANDARD NEWSPRINT PAPER-----	61,157	37,632	20,291		3,034		
2631 PAPER AND PAPERBOARD-----	135,098	93,657	33,109	22	8,310		
2691 PULP AND PAPER PRODUCTS, NEC-----	57,949	22,408	18,713	745	16,083		
2711 PRINTED MATTER-----	77,896	61,262	14,935	41	1,658		
2810 SODIUM HYDROXIDE-----	11,621				2,588		9,033
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	56,796	56,484	312				
2812 DYES, PIGMENT, TANNING MATS-----	5,562		5,460		102		
2813 ALCOHOLS-----	46,335	32,981	8,165		2,335		2,854
2816 RADIOACTIVE MATERIALS, WASTES-----	1,188	3	1,182		3		
2817 BENZENE AND TOLUENE-----	8,551	8,295	244		12		
2818 SULPHURIC ACID-----	8,268			2,000	6,268		
2819 BASIC CHEMICALS AND PROD, NEC-----	416,824	301,926	92,466	1,298	16,806		4,328
2821 PLASTIC MATERIALS-----	347,707	171,628	165,358	207	10,514		
2822 SYNTHETIC RUBBER-----	15,289	4,236	10,219	33	801		
2823 SYNTHETIC (MAN-MADE) FIBERS-----	11,307	7,972	3,058	12	265		
2831 DRUGS-----	45,728	32,586	7,859	3,746	1,537		
2841 SOAP-----	94,111	40,433	28,232	4,067	21,379		

Waterborne Commerce of the United States, 1986

NEWARK BAY, N. J. (INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			LOCAL
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	COASTWISE SHIPMENTS	INTERNAL SHIPMENTS	
2851 PAINTS-----	108,896	94,096	11,533	3	3,264	-----	-----
2861 GUM AND GUM CHEMICALS-----	2,481	1,204	1,107	-----	170	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	1,599	119	1,457	-----	23	-----	-----
2872 POTASSIC CHEM FERTILIZERS-----	2,438	2,119	275	-----	48	-----	-----
2873 PHOSPHATIC CHEM FERTILIZERS-----	260	260	-----	-----	-----	-----	-----
2874 INSECTICIDES, DISINFECTANTS-----	16,369	6,784	9,214	3	364	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	2,411	1,791	620	-----	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	89,680	36,967	47,497	1,375	3,449	-----	-----
2911 GASOLINE-----	1,277,316	79,239	2,159	177,570	456,037	124,305	438,006
2912 JET FUEL-----	134,207	3,227	-----	15,290	52,244	-----	12,442
2913 KEROSENE-----	68,699	-----	77	15,864	9,416	6,780	36,562
2914 DISTILLATE FUEL OIL-----	1,172,417	31,834	2,179	220,981	222,399	54,393	640,671
2915 RESIDUAL FUEL OIL-----	1,268,592	279,251	-----	47,284	142,824	59,749	739,464
2916 LUBRICATING OILS AND GREASES-----	49,918	9,281	27,900	4,114	3,083	-----	5,540
2917 NAPHTHA, PETROLEUM SOLVENTS-----	49,604	43,995	1,274	-----	620	-----	3,715
2918 ASPHALT, TAR, AND PITCHES-----	2,089	668	1,006	272	143	-----	-----
2920 COKE, PETROLEUM COKE-----	400	-----	385	-----	15	-----	-----
2921 LIQUEFIED GASES-----	3,152	452	2,601	-----	99	-----	-----
2951 ASPHALT BUILDING MATERIALS-----	2,107	-----	2,027	-----	80	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	21,316	17,959	3,061	-----	1,196	-----	-----
3011 RUBBER AND MISC PLASTIC PROD-----	254,284	218,681	24,168	1,688	9,947	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	83,230	66,602	11,675	424	4,529	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	139,253	119,039	11,031	135	9,048	-----	-----
3241 BUILDING CEMENT-----	375,878	330,358	7,762	-----	10,515	-----	27,243
3251 STRUCTURAL CLAY PRODUCTS-----	154,575	130,867	12,124	634	10,750	-----	-----
3271 LIME-----	58	4	54	-----	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	107,521	104,978	522	-----	2,021	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	97,029	84,124	9,991	289	2,625	-----	-----
3311 PIG IRON-----	17,705	151	17,553	-----	1	-----	-----
3312 SLAG-----	20	-----	20	-----	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	136,002	137,288	714	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	191,438	181,956	4,230	39	5,213	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	58,651	1,489	51,991	-----	5,171	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	27,418	23,398	2,466	7	1,547	-----	-----
3318 FERRALLOYS-----	19,328	6,398	903	11,153	874	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	47,175	40,618	6,391	-----	166	-----	-----
3321 NONFERROUS METALS, NEC-----	42,375	26,715	7,164	-----	6,496	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	70,408	61,143	7,984	-----	1,281	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	5,993	3,376	2,573	-----	44	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	48,916	41,083	5,672	238	1,923	-----	-----
3411 FABRICATED METAL PRODUCTS-----	386,265	315,478	47,112	2,240	21,435	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	561,596	445,471	103,938	602	10,885	-----	700
3611 ELECTRICAL MACH AND EQUIP-----	398,072	318,988	67,433	2,132	9,519	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	789,168	739,626	39,250	510	5,982	-----	-----
3721 AIRCRAFT AND PARTS-----	2,689	520	2,142	-----	27	-----	-----
3731 SHIPS AND BOATS-----	7,863	6,894	866	-----	83	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	31,400	15,539	5,153	21	10,695	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	167,208	120,445	45,020	121	1,622	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	204,803	185,967	10,049	3,109	5,698	-----	-----
4011 IRON AND STEEL SCRAP-----	1,225,766	102	1,218,552	126	5	-----	6,981
4012 NONFERROUS METAL SCRAP-----	97,052	1,025	94,373	1,631	23	-----	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	52,345	1,425	50,451	40	429	-----	-----
4024 PAPER WASTE AND SCRAP-----	592,253	1,063	589,916	160	1,114	-----	-----
4029 WASTE AND SCRAP, NEC-----	34,350	-----	-----	1,000	-----	33,350	-----
4112 COMMODITIES, NEC-----	1,184,380	30,705	58,929	367,507	727,184	-----	53
9999 DEPARTMENT OF DEFENSE AND SCI-----	4,547	-----	4,547	-----	-----	-----	-----
TOTAL TON-MILES-----	70,315,628	-----	-----	-----	-----	-----	-----

MACKENSACK RIVER, N. J. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM MOUTH UPSTREAM TO NEW YORK, SUSQUEHANNA & WESTERN R. R. BRIDGE AT MACKENSACK. CONTROLLING DEPTH: 29 FEET FROM THE JUNCTION OF MACKENSACK AND PASSAIC RIVERS TO 300 FEET SOUTH OF CENTRAL RAILROAD OF NEW JERSEY BRIDGE. BALANCE OF WATERWAY RANGES FROM 10 TO 29 FEET. PROJECT DEPTH: CHANNEL, 34 FEET IN ROCK AND 32 FEET IN OTHER MATERIAL WITH TURNING BASIN 25 FEET DEEP AT UPPER END OF A POINT 2,000 FEET ABOVE THE DELANORE, LACKAWANNA & WESTERN R. R. BRIDGE AT MARION-JERSEY CITY, THENCE 15 FEET TO MACKENSACK. ALL AT MEAN LOW WATER. PROJECT LENGTH: 16.5 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	2,708,363	1982-----	2,582,406
1978-----	2,749,787	1983-----	2,220,459
1979-----	2,283,897	1984-----	2,372,858
1980-----	2,663,907	1985-----	2,505,846
1981-----	2,657,145	1986-----	2,568,846

NEW YORK, NY, DISTRICT

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HACKENSACK RIVER, N. J. (INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL		LOCAL
		RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	2,568,786	1,004,378	3,215	53,290	233,000	1,274,703
1121 COAL AND LIGNITE-----	950,059	950,059	-----	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	232,357	6,500	-----	53,290	-----	172,567
1499 NONMETALLIC MINERALS, NEC-----	1,000	-----	-----	-----	-----	1,000
2810 SODIUM HYDROXIDE-----	63,952	-----	-----	-----	-----	63,952
2911 ALCOHOLS-----	5,611	-----	-----	-----	-----	5,611
2911 GASOLINE-----	112,359	-----	-----	-----	-----	112,359
2913 KEROSENE-----	7,413	-----	-----	-----	-----	7,413
2914 DISTILLATE FUEL OIL-----	547,727	-----	-----	-----	-----	547,727
2915 RESIDUAL FUEL OIL-----	292,958	6,385	3,215	-----	-----	281,358
2918 ASPHALT, TAR, AND PITCHES-----	121,711	39,634	-----	-----	-----	82,077
4029 WASTE AND SWAMP, NEC-----	233,614	-----	-----	-----	233,000	614
4112 COMMODITIES, NEC-----	25	-----	-----	-----	-----	25
TOTAL TON-MILES, 18,991,204.						

PASSAIC RIVER, N. J. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM MOUTH UPSTREAM TO GREGORY AVENUE, PASSAIC. CONTROLLING DEPTH: 20 FEET FROM THE JUNCTION OF HACKENSACK AND PASSAIC RIVERS TO C. R. R. OF N. J. BRIDGE; BALANCE OF WATERWAY RANGES BETWEEN 11 AND 15 FEET. PROJECT DEPTH: 30, 20, 16 AND 10 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: ABOUT 15.4 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	6,846,350	1,443	1982-----	9,352,474	-----
1978-----	7,410,402	1,291	1983-----	7,752,330	-----
1979-----	7,255,464	-----	1984-----	6,900,077	-----
1980-----	8,310,199	-----	1985-----	7,829,253	-----
1981-----	7,958,154	-----	1986-----	7,580,618	-----

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	COASTWISE SHIPMENTS	INTERNAL RECEIPTS	INTERNAL SHIPMENTS	
TOTAL-----	7,580,618	198,452	55,408	686,104	1,981,095	67,518	1,447,335	3,164,706
0103 CORN-----	20	-----	20	-----	-----	-----	-----	-----
0111 SOYBEANS-----	118	-----	118	-----	-----	-----	-----	-----
0119 OILSEEDS, NEC-----	41	37	4	-----	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	15	15	-----	-----	-----	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	56	56	-----	-----	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	23	23	-----	-----	-----	-----	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	9	9	-----	-----	-----	-----	-----	-----
1121 COAL AND LIGNITE-----	14	14	-----	-----	-----	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	79,132	-----	-----	3,332	-----	32,484	-----	42,916
1451 CLAY-----	78	-----	78	-----	-----	-----	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	46,358	-----	46,358	-----	-----	-----	-----	-----
2022 DRIED MILK AND CREAM-----	47	-----	47	-----	-----	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	340	164	176	-----	-----	-----	-----	-----
2042 ANIMAL FEEDS-----	38	38	-----	-----	-----	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	1,772	1,772	-----	-----	-----	-----	-----	-----
2091 VEGETABLE OILS, MARG, SHORT-----	6,537	4,443	-----	-----	-----	-----	-----	2,094
2099 MISCELLANEOUS FOOD PRODUCTS-----	113	78	35	-----	-----	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	84	45	39	-----	-----	-----	-----	-----
2311 APPAREL-----	23	23	-----	-----	-----	-----	-----	-----
2421 LUMBER-----	67	67	-----	-----	-----	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	26	26	-----	-----	-----	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	43	43	-----	-----	-----	-----	-----	-----
2621 STANDARD NEWSPRINT PAPER-----	130	130	-----	-----	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	68	21	47	-----	-----	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	5	5	-----	-----	-----	-----	-----	-----
2711 PRINTED MATTER-----	11	11	-----	-----	-----	-----	-----	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	22,601	22,109	-----	-----	-----	-----	-----	492
2812 DYES, PIGMENT, TANNING MATS-----	2	2	-----	-----	-----	-----	-----	-----
2813 ALCOHOLS-----	9,648	6,255	-----	-----	-----	-----	-----	3,393
2816 RADIOACTIVE MATERIALS, WASTES-----	11	11	-----	-----	-----	-----	-----	-----
2817 BENZENE AND TOLUENE-----	980	-----	-----	-----	-----	-----	-----	980
2818 SULPHURIC ACID-----	28,100	-----	-----	-----	28,100	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	72,498	18,091	9	49,815	-----	-----	-----	4,503
2821 PLASTIC MATERIALS-----	161	161	-----	-----	-----	-----	-----	-----
2822 SYNTHETIC RUBBER-----	25	25	-----	-----	-----	-----	-----	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	74	74	-----	-----	-----	-----	-----	-----
2831 DRUGS-----	2	2	-----	-----	-----	-----	-----	-----
2841 SOAP-----	565	551	14	-----	-----	-----	-----	-----
2851 PAINTS-----	6	6	-----	-----	-----	-----	-----	-----
2876 INSECTICIDES, DISINFECTANTS-----	6	6	-----	-----	-----	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	962	962	-----	-----	-----	-----	-----	-----
2911 GASOLINE-----	3,759,500	-----	369,498	1,500,595	-----	567,418	1,321,940	-----
2912 JET FUEL-----	38,536	-----	38,536	-----	-----	-----	-----	7,699
2913 KEROSENE-----	35,689	-----	-----	-----	-----	4,188	31,937	-----

Waterborne Commerce of the United States, 1986

PASSAIC RIVER, N. J. (INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
2914 DISTILLATE FUEL OIL-----	2,377,950	-----	-----	90,499	427,009	5,859	337,177	1,517,406
2915 RESIDUAL FUEL OIL-----	320,989	-----	-----	15,468	25,391	-----	49,348	230,742
2916 LUBRICATING OILS AND GREASES-----	34	-----	26	-----	-----	-----	-----	8
2917 NAPHTHA, PETROLEUM SOLVENTS-----	861	-----	-----	-----	-----	-----	-----	861
2918 ASPHALT, TAR, AND BITUMENS-----	144,050	144,050	-----	-----	-----	-----	-----	-----
3011 RUBBER AND MISC PLASTIC PROD-----	50	-----	50	-----	-----	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	17	-----	17	-----	-----	-----	-----	-----
3241 BUILDING CEMENT-----	135,426	-----	-----	126,651	-----	8,775	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	13	-----	13	-----	-----	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	20	20	-----	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	1	-----	1	-----	-----	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	616	-----	616	-----	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	2	-----	2	-----	-----	-----	-----	-----
3318 FERROALLOYS-----	22	-----	22	-----	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	1	-----	1	-----	-----	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	2	-----	2	-----	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	1	-----	1	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	242	A	234	-----	-----	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	386	-----	386	-----	-----	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	53	-----	53	-----	-----	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	226	-----	226	-----	-----	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	12	-----	12	-----	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	3	-----	3	-----	-----	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	91	-----	91	-----	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	25	-----	25	-----	-----	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	271	-----	271	-----	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	256	-----	256	-----	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	729	-----	729	-----	-----	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	489,200	-----	-----	-----	-----	-----	489,200	-----
4112 COMMODITIES, NEC-----	2,543	2,488	49	-----	-----	-----	-----	10
9999 DEPARTMENT OF DEFENSE AND SCI-----	12	-----	12	-----	-----	-----	-----	-----
TOTAL TON-MILES, 13,296,136.								

NEW YORK AND NEW JERSEY CHANNELS, N. Y. AND N. J.
(INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM MAIN SHIP CHANNEL NORTHWEST OF SANDY HOOK THROUGH LOWER NEW YORK BAY, RARITAN BAY, PERTH AMBOY ANCHORAGE, ARTHUR KILL AND KILL VAN KULL TO UPPER NEW YORK BAY, CONTROLLING DEPTHS 35 FEET FROM A JUNCTION WITH MAIN SHIP CHANNEL TO VICINITY OF TOTTENVILLE; 37 FEET IN PERTH AMBOY ANCHORAGE; BALANCE OF WATERWAY RANGES FROM 20 TO 35 FEET. PROJECT DEPTH 37 FEET IN ROCK AND 35 FEET IN SOFT MATERIAL THROUGHOUT, EXCEPT IN CHANNEL SOUTH OF SHOOTERS ISLAND WHERE THE DEPTH WILL BE 30 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH 30.8 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC				
			THROUGH TRAFFIC (TONS)	RAILROAD FREIGHT CARS		SHIPMENTS	
				RECEIPTS			
				EMPTY	LOADED		
1977-----	105,699,616	24,151	24,663,206	715	663	1,291	206
1978-----	106,569,826	30,344	27,805,200	383	105	-----	69
1979-----	93,901,669	31,920	25,371,720	645	455	9	457
1980-----	95,976,421	66,240	26,648,113	-----	-----	-----	-----
1981-----	90,446,022	73,120	25,786,611	-----	-----	-----	-----
1982-----	89,250,440	81,540	24,936,095	-----	-----	-----	-----
1983-----	86,968,163	93,026	23,585,266	-----	-----	-----	-----
1984-----	91,412,606	10,060	25,399,538	-----	-----	-----	-----
1985-----	85,050,394	11,120	27,329,035	-----	-----	-----	-----
1986-----	88,056,115	18,027	26,562,698	-----	-----	-----	-----

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
TOTAL-----	88,056,115	12,756,129	658,891	19,683,531	20,514,663	879,643	6,219,447	27,343,811
0101 COTTON, RAW-----	73	73	-----	-----	-----	-----	-----	-----
0102 BARLEY AND RYE-----	2	2	-----	-----	-----	-----	-----	-----
0103 CORN-----	1,664	-----	1,664	-----	-----	-----	-----	-----
0105 RICE-----	473	473	-----	-----	-----	-----	-----	-----
0106 SORGHUM GRAINS-----	3,357	-----	3,357	-----	-----	-----	-----	-----
0107 WHEAT-----	11	-----	11	-----	-----	-----	-----	-----
0111 SOYBEANS-----	2,876	-----	2,876	-----	-----	-----	-----	-----
0119 OILSEEDS, NEC-----	1,560	656	904	-----	-----	-----	-----	-----
0121 TOBACCO, LEAF-----	4,842	3,955	887	-----	-----	-----	-----	-----
0129 FIELD CROPS, NEC-----	2,848	2,682	166	-----	-----	-----	-----	-----
0131 FRESH FRUITS-----	580	109	471	-----	-----	-----	-----	-----
0132 BANANAS AND PLANTAINS-----	20	-----	20	-----	-----	-----	-----	-----
0133 COFFEE-----	46,163	45,922	241	-----	-----	-----	-----	-----
0134 COCOA BEANS-----	1,173	1,172	1	-----	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	11,466	1,019	10,447	-----	-----	-----	-----	-----
0151 LIVE ANIMALS-----	3	-----	3	-----	-----	-----	-----	-----

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FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
0161 ANIMALS AND PRODUCTS, NEC-----	6,562	5,511	1,051	-----	-----	-----	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	5,342	5,235	107	-----	-----	-----	-----	-----
0841 CRUDE RUBBER AND ALLIED GUMS-----	7,027	6,544	483	-----	-----	-----	-----	-----
0861 FOREST PRODUCTS, NEC-----	3,548	3,104	444	-----	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	2,714	2,163	551	-----	-----	-----	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	9,544	9,420	124	-----	-----	-----	-----	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	9	9	-----	-----	-----	-----	-----	-----
1011 IRON ORE AND CONCENTRATES-----	84	-----	84	-----	-----	-----	-----	-----
1051 ALUMINUM ORES, CONCENTRATES-----	219	27	192	-----	-----	-----	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	2,640	2,275	365	-----	-----	-----	-----	-----
1121 COAL AND LIGNITE-----	130	-----	130	-----	-----	-----	-----	-----
1311 CRUDE PETROLEUM-----	6,596,927	2,421,505	-----	3,364,577	10,571	-----	-----	800,2
1411 LIMESTONE-----	28	-----	28	-----	-----	-----	-----	-----
1412 BUILDING STONE, UNWORKED-----	-----	-----	-----	-----	-----	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	677,507	684	1,226	34,144	7	449,362	-----	152,08
1451 CLAY-----	342,150	341,214	936	-----	-----	-----	-----	-----
1471 PHOSPHATE ROCK-----	60	-----	60	-----	-----	-----	-----	-----
1491 SALT-----	130,426	130,144	282	-----	-----	-----	-----	-----
1492 SULPHUR, DRY-----	87	-----	87	-----	-----	-----	-----	-----
1494 GYPSUM, CRUDE AND PLASTERS-----	49	-----	49	-----	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	30,348	3,983	26,405	-----	-----	-----	-----	-----
1911 ORDNANCE AND ACCESSORIES-----	737	574	151	-----	12	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	6,028	547	5,481	-----	-----	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	7,857	7,389	468	-----	-----	-----	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	6,128	-----	6,128	-----	-----	-----	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	1,046	344	700	-----	-----	-----	-----	-----
2021 DAIRY PRODUCTS, NEC-----	8,514	7,794	720	-----	-----	-----	-----	-----
2022 DRIED MILK AND CREAM-----	7,783	139	7,644	-----	-----	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	16,629	16,373	256	-----	-----	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	45,246	43,584	1,662	-----	-----	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	47,400	45,545	1,855	-----	-----	-----	-----	-----
2041 WHEAT FLOUR AND SEMOLINA-----	154	-----	153	-----	1	-----	-----	-----
2042 ANIMAL FEEDS-----	10,632	4,925	5,707	-----	-----	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	4,527	2,797	1,730	-----	-----	-----	-----	-----
2061 SUGAR-----	852	21	822	-----	9	-----	-----	-----
2062 MOLASSES-----	46,418	46,418	-----	-----	-----	-----	-----	-----
2081 ALCOHOLIC BEVERAGES-----	111,762	109,509	2,144	-----	109	-----	-----	-----
2091 VEGETABLE OILS, MARG, SHORT-----	87,777	51,468	1,994	-----	-----	-----	-----	34,31
2092 ANIMAL OILS AND FATS, NEC-----	828	70	758	-----	-----	-----	-----	-----
2095 ICE-----	697	697	-----	-----	-----	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	48,879	41,548	7,226	-----	105	-----	-----	-----
2111 TOBACCO MANUFACTURES-----	563	30	533	-----	-----	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	33,459	28,959	4,492	-----	8	-----	-----	-----
2212 TEXTILE FIBERS, NEC-----	3,804	3,768	36	-----	-----	-----	-----	-----
2213 APPAREL-----	23,917	23,588	329	-----	-----	-----	-----	-----
2411 LOGS-----	3,549	-----	3,277	-----	-----	-----	-----	-----
2413 FUEL WOOD, CHARCOAL, WASTES-----	5,171	5,005	166	-----	-----	-----	-----	-----
2416 WOOD CHIPS, STAVES, HOLDINGS-----	143	-----	143	-----	-----	-----	-----	-----
2421 LUMBER-----	8,895	3,096	5,799	-----	-----	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	7,492	7,266	206	-----	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	6,400	5,459	941	-----	-----	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	32,438	31,562	775	-----	101	-----	-----	-----
2611 PULP-----	1,954	36	1,911	-----	7	-----	-----	-----
2621 STANDARD NEWSPRINT PAPER-----	4,286	77	4,209	-----	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	21,784	15,726	6,058	-----	-----	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	9,745	7,450	2,262	-----	33	-----	-----	-----
2711 PRINTED MATTER-----	6,676	4,554	2,122	-----	-----	-----	-----	-----
2810 SODIUM HYDROXIDE-----	213,207	-----	156,118	10,934	-----	2,493	43,66	
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	68,449	57,911	141	9,905	-----	-----	49	
2812 DYES, PIGMENT, TANNING MATS-----	391	-----	391	-----	-----	-----	-----	
2813 ALCOHOLS-----	454,005	211,525	1,816	732,310	502	1,432	6,42	
2816 RADIOACTIVE MATERIALS, WASTES-----	12	-----	12	-----	-----	-----	-----	
2817 BENZENE AND TOLUENE-----	130,414	8,778	101,221	-----	-----	-----	20,41	
2818 SULPHURIC ACID-----	38,100	-----	-----	38,100	-----	-----	-----	
2819 BASIC CHEMICALS AND PROD, NEC-----	1,749,792	880,521	17,703	712,050	31,075	-----	108,84	
2821 PLASTIC MATERIALS-----	50,807	25,489	25,313	-----	5	-----	-----	
2822 SYNTHETIC RUBBER-----	6,635	86	6,549	-----	5	-----	-----	
2823 SYNTHETIC (MAN-MADE) FIBERS-----	2,978	593	2,385	-----	-----	-----	-----	
2831 DRUGS-----	7,363	6,246	1,109	-----	8	-----	-----	
2841 SOAP-----	21,008	16,543	5,095	-----	10	-----	-----	
2851 PAINTS-----	16,288	14,891	1,354	-----	3	-----	-----	
2861 GUM AND WOOD CHEMICALS-----	605	556	49	-----	-----	-----	-----	
2871 NITROGENOUS CHEM FERTILIZERS-----	526	398	128	-----	-----	-----	-----	
2876 INSECTICIDES, DISINFECTANTS-----	6,451	4,245	2,205	-----	1	-----	-----	
2891 FERTILIZER AND MATERIALS, NEC-----	22	-----	21	-----	-----	-----	-----	
2899 MISCELLANEOUS CHEMICAL PROD-----	183,679	79,458	23,953	97,068	-----	-----	-----	
2911 GASOLINE-----	26,694,132	3,018,966	90,132	3,327,126	9,433,483	2,598,877	7,625,64	
2912 JET FUEL-----	2,017,544	256,866	-----	934,293	578,095	158,235	179,83	
2913 KEROSENE-----	771,870	26,862	-----	97,615	276,345	158,232	216,7	
2914 DISTILLATE FUEL OIL-----	19,946,224	417,426	72,446	5,690,733	4,548,484	13,410	1,420,347	
2915 RESIDUAL FUEL OIL-----	17,530,502	3,053,717	7,003	3,768,938	3,769,853	1,308,630	5,592,36	
2916 LUBRICATING OILS AND GREASES-----	627,611	24	2,813	583,581	1,085	-----	40,10	
2917 NAPHTHA, PETROLEUM SOLVENTS-----	1,396,409	328,129	94	497,907	261,117	6,835	302,32	
2918 ASPHALT, TAR, AND PITCHES-----	1,957,694	178,083	93	36,843	1,477,768	-----	60,883	
2921 LIQUEFIED GASES-----	115,198	115,179	19	-----	-----	-----	203,26	
2951 ASPHALT BUILDING MATERIALS-----	43	-----	43	-----	-----	-----	-----	
2991 PETROLEUM AND COAL PROD, NEC-----	65,624	6,153	289	23,531	16,605	331	3,428	
3011 RUBBER AND MISC PLASTIC PROD-----	36,964	31,266	5,676	-----	22	-----	-----	
3111 LEATHER AND LEATHER PRODUCTS-----	42,630	41,012	1,618	-----	-----	-----	-----	
3211 GLASS AND GLASS PRODUCTS-----	17,100	15,690	1,373	-----	29	-----	-----	
3241 BUILDING CEMENT-----	425,034	23,140	37	8,044	24,100	349,705	-----	
3251 STRUCTURAL CLAY PRODUCTS-----	17,778	16,608	1,170	-----	-----	-----	-----	
3271 LIME-----	8	-----	8	-----	-----	-----	-----	

Waterborne Commerce of the United States, 1986

NEW YORK AND NEW JERSEY CHANNELS, N. Y. AND N. J.
(INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
3281 CUT STONE AND STONE PRODUCTS-----	4,350	4,331	19	-----	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	59,613	29,785	1,453	28,375	-----	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	6	-----	8	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	5,872	5,586	286	-----	-----	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	23,314	-----	23,314	-----	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	-----	1,857	164	-----	-----	-----	-----	-----
3318 FERROALLOYS-----	1,306	1,221	85	-----	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	10,235	9,298	937	-----	-----	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	8,591	8,230	361	-----	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	9,312	7,296	2,016	-----	-----	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	58	31	27	-----	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	10,479	8,837	1,642	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	111,766	101,230	10,525	-----	11	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	84,733	71,269	12,108	350	-----	-----	-----	1,000
3611 ELECTRICAL MACH AND EQUIP-----	78,602	71,091	7,482	-----	29	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	50,189	43,497	6,671	-----	21	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	379	221	158	-----	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	1,280	1,008	270	-----	2	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	2,179	1,336	840	-----	3	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	14,457	7,399	7,058	-----	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	35,188	33,561	1,634	-----	3	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	39,231	-----	39,231	-----	-----	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	14,326	224	14,102	-----	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	7,566	402	7,164	-----	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	101,857	-----	101,857	-----	-----	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	4,789,145	-----	-----	-----	-----	592,600	-----	9,196,545
4111 WATER-----	2,346	-----	-----	-----	-----	-----	-----	2,346
4112 COMMODITIES, NEC-----	26,468	6,571	13,410	-----	5,600	-----	-----	887
9999 DEPARTMENT OF DEFENSE AND SCI-----	704	-----	704	-----	-----	-----	-----	-----
TOTAL TON-MILES, 1,146,126,082.								

RARITAN RIVER TO ARTHUR KILL CUT OFF CHANNEL, N. J. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM RARITAN RIVER CHANNEL OFF SOUTH AMBOY TO THE SOUTHERLY END OF ARTHUR KILL CHANNEL. CONTROLLING DEPTH: (1971) 18 FEET MEAN LOW WATER. PROJECT DEPTH: 20 FEET MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	THROUGH TRAFFIC (TONS)	YEAR	THROUGH TRAFFIC (TONS)
1977-----	2,891,892	1982-----	3,201,044
1978-----	2,965,228	1983-----	2,839,124
1979-----	2,147,384	1984-----	2,778,118
1980-----	2,906,336	1985-----	2,778,696
1981-----	2,906,336	1986-----	2,629,792

NEW YORK HARBOR, N. Y. LOWER ENTRANCE CHANNELS

SECTION INCLUDED: AMBROSE, MAINSHIP, BAYSIDE, AND SANDY HOOK CHANNELS. CONTROLLING DEPTH: (1973) AMBROSE CHANNEL, 45 FEET; (1972) MAINSHIP CHANNEL, 30 FEET; (1972) BAYSIDE AND SANDY HOOK CHANNELS, 35 FEET. PROJECT DEPTH: AMBROSE CHANNEL, 45 FEET, 13.6 MILES; BAYSIDE AND SANDY HOOK CHANNELS, 35 FEET, 6.3 MILES; MAINSHIP CHANNEL, 30 FEET, 5.2 MILES. ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	FOREIGN (TONS)	COASTWISE (TONS)	TOTAL (TONS)	PASSENGERS	YEAR	FOREIGN (TONS)	COASTWISE (TONS)	TOTAL (TONS)	PASSENGERS
1977-----	70,279,025	50,010,265	120,289,290	145,591	1982-----	45,421,280	39,691,661	85,112,941	-----
1978-----	65,732,645	52,681,471	118,414,116	153,757	1983-----	48,766,716	39,152,940	87,919,676	-----
1979-----	60,000,599	45,717,960	105,718,559	-----	1984-----	55,362,676	39,953,368	95,316,044	-----
1980-----	51,713,516	45,266,034	96,979,570	-----	1985-----	52,060,724	38,463,280	90,524,004	-----
1981-----	50,119,164	40,825,836	90,944,998	-----	1986-----	56,370,033	42,084,827	98,454,860	-----

NEW YORK, NY, DISTRICT

CONSOLIDATED STATEMENT OF WATERBORNE COMMERCE OF THE
PORT OF NEW YORK

(NET TRAFFIC, ELIMINATING ALL KNOWN DUPLICATIONS)

COMPARATIVE STATEMENT

(SHORT TONS)

YEAR	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
1937	121,517,420	14,658,639	8,065,031	30,891,885	7,987,763	4,276,170	2,480,924	52,957,048
1938	111,310,229	11,943,421	6,663,303	30,911,353	7,074,593	4,389,879	2,057,952	48,249,728
1939	123,306,596	13,557,616	7,872,421	34,818,500	7,216,324	5,485,186	2,432,227	51,924,322
1940	129,712,186	12,435,225	10,413,062	33,820,944	8,354,336	4,632,566	2,555,202	57,100,771
1941	139,597,449	21,665,727	13,674,944	34,238,217	8,797,533	4,221,154	3,908,425	53,091,449
1942	101,880,786	9,351,036	11,148,843	11,627,193	8,196,560	5,090,938	1,119,284	55,346,932
1943	111,813,422	15,119,544	20,406,813	6,668,141	9,082,807	2,719,371	1,258,040	56,558,706
1944	110,282,139	15,203,964	21,164,818	6,086,512	9,557,576	2,017,575	974,020	55,277,674
1945	103,862,023	14,484,592	17,178,203	9,813,440	8,434,263	2,173,763	1,620,356	50,257,406
1946	106,553,342	13,675,973	9,159,021	26,351,708	8,247,301	2,264,044	1,859,635	46,995,660
1947	135,373,128	16,210,961	15,533,406	38,363,440	8,446,324	2,426,457	3,269,385	51,123,155
1948	137,664,956	19,678,027	10,259,914	42,368,833	8,952,384	3,117,731	3,422,943	49,649,120
1949	127,952,821	20,319,606	9,298,512	38,617,196	7,828,857	3,282,944	3,257,647	45,344,059
1950	146,943,558	25,481,429	7,001,064	45,391,774	8,729,265	3,806,371	4,027,759	50,505,892
1951	151,786,784	25,157,156	9,803,387	45,736,662	9,705,031	5,047,623	4,317,315	52,019,610
1952	140,419,198	27,798,540	8,099,418	41,773,378	9,701,892	4,679,261	4,305,775	48,060,934
1953	139,395,118	28,837,891	6,720,527	42,964,587	10,333,731	3,916,931	4,114,081	42,507,370
1954	137,353,454	28,370,760	7,077,334	41,405,031	9,702,114	5,078,037	3,407,043	42,313,135
1955	148,848,131	30,273,674	8,623,893	42,320,456	10,374,520	5,333,907	3,840,561	48,081,120
1956	154,708,301	31,683,792	9,169,097	44,876,420	11,356,189	5,492,890	4,212,434	47,921,479
1957	147,536,844	32,811,981	9,991,303	41,509,888	10,981,811	5,298,193	3,913,376	43,827,336
1958	145,531,300	34,437,067	7,037,697	40,764,437	12,045,085	4,697,602	3,660,533	42,888,799
1959	154,159,873	39,108,306	6,808,863	43,643,002	13,582,417	5,378,590	3,830,967	41,803,728
1960	153,198,620	37,455,278	7,584,411	42,812,316	13,775,107	4,496,232	3,761,119	43,314,157
1961	144,764,869	34,670,332	6,918,837	45,465,352	12,678,679	4,079,129	3,911,690	37,040,850
1962	154,476,480	38,544,054	7,066,952	43,280,212	13,161,910	6,203,018	4,327,672	41,898,662
1963	154,772,656	40,015,424	7,228,008	43,295,456	14,214,371	5,961,364	4,579,718	39,478,313
1964	149,150,611	41,351,036	7,704,677	39,089,972	14,353,158	5,425,553	4,254,587	36,971,628
1965	153,830,418	47,528,245	6,801,808	32,818,365	16,391,562	6,438,362	4,926,409	40,726,409
1966	157,071,692	49,984,206	7,194,832	31,373,309	16,960,784	4,982,442	5,319,214	41,257,103
1967	167,548,704	49,284,036	6,979,491	29,463,505	19,634,755	5,356,788	6,544,662	50,285,467
1968	174,799,789	53,588,562	6,766,764	28,316,178	21,076,003	5,653,345	14,011,956	45,366,981
1969	171,244,008	50,260,716	6,417,340	28,881,366	21,007,325	6,260,723	14,076,677	44,339,661
1970	174,008,104	50,792,115	7,139,979	35,915,528	18,090,679	6,717,561	13,882,249	41,462,017
1971	181,024,686	48,355,655	5,590,124	37,198,267	20,625,332	7,031,093	15,294,756	46,929,659
1972	196,842,857	56,169,911	5,608,515	36,920,738	20,849,290	6,597,729	16,067,310	54,629,364
1973	216,896,434	72,581,079	6,788,042	32,943,199	22,490,888	7,498,093	19,075,458	55,519,675
1974	195,095,611	58,665,637	7,862,062	33,810,481	22,669,120	6,269,873	17,324,186	48,494,252
1975	177,614,618	48,965,523	6,725,527	32,991,272	21,696,036	5,825,367	16,650,104	46,960,749
1976	179,586,763	53,291,796	6,245,913	32,671,748	24,092,137	5,397,388	15,610,002	42,077,779
1977	185,292,125	60,921,097	5,686,919	32,175,110	25,099,262	3,954,847	14,604,109	43,750,781
1978	186,733,185	55,923,366	6,093,481	34,840,099	24,536,075	3,931,728	15,073,863	45,534,553
1979	163,620,900	49,499,336	6,756,922	26,657,600	21,492,623	4,098,044	15,596,335	39,520,020
1980	166,991,220	42,715,042	7,476,566	26,503,681	24,882,954	4,535,018	16,217,172	44,660,787
1981	156,551,936	41,430,329	6,810,330	24,266,720	25,533,279	2,720,020	14,936,031	40,855,227
1982	149,255,276	38,095,052	5,665,144	24,945,424	26,926,272	3,231,671	14,935,839	35,455,874
1983	147,307,246	40,913,339	5,357,275	24,046,359	25,859,161	3,683,025	13,356,766	34,001,321
1984	161,676,654	47,369,075	5,341,174	27,190,840	27,869,646	3,642,474	13,610,306	36,453,139
1985	152,053,796	43,174,344	5,812,524	26,813,626	27,542,868	3,010,901	12,778,169	32,921,164
1986	157,800,967	46,592,136	6,162,608	27,972,257	26,507,331	2,657,599	14,314,126	33,594,910

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	157,800,967	46,592,136	6,162,608	27,972,257	26,507,331	2,657,599	14,314,126	33,594,910
0101 COTTON, RAW-----	371	92	279	-----	-----	-----	-----	-----
0102 BARLEY AND RYE-----	1,510	1,182	328	-----	-----	-----	-----	-----
0103 CORN-----	4,277	413	3,773	-----	91	-----	-----	-----
0104 OATS-----	4	4	-----	-----	-----	-----	-----	-----
0105 RICE-----	12,297	12,126	125	23	23	-----	-----	-----
0106 SORGHUM GRAINS-----	4,414	-----	3,906	15	493	-----	-----	-----
0107 WHEAT-----	13,011	13,000	11	-----	-----	-----	-----	-----
0111 SOYBEANS-----	12,981	13	12,968	-----	-----	-----	-----	-----
0119 OILSEEDS, NEC-----	12,949	7,435	2,683	2,831	-----	-----	-----	-----
0121 TOBACCO, LEAF-----	9,150	6,042	2,389	372	347	-----	-----	-----
0122 HAY AND FODDER-----	179	-----	-----	-----	179	-----	-----	-----
0129 FIELD CROPS, NEC-----	23,193	21,860	1,265	-----	68	-----	-----	-----
0131 FRESH FRUITS-----	32,558	6,901	23,902	1,236	519	-----	-----	-----
0132 BANANAS AND PLANTAINS-----	622,072	622,027	26	19	-----	-----	-----	-----
0133 COFFEE-----	389,414	332,144	16,299	40,394	573	-----	-----	-----
0134 COCOA BEANS-----	37,144	21,970	203	14,468	593	-----	-----	-----

Waterborne Commerce of the United States, 1986

CONSOLIDATED STATEMENT OF WATERBORNE COMMERCE OF THE
PORT OF NEW YORK--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
0141 FRESH AND FROZEN VEGETABLES-----	120,355	28,867	23,172	17,542	50,774	-----	-----	-----
0151 LIVE ANIMALS-----	1,421	18	86	-----	1,317	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	52,393	30,669	21,105	-----	419	-----	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	26,574	24,071	2,264	-----	239	-----	-----	-----
0841 CRUDE RUBBER AND ALLIED GUMS-----	68,377	65,399	2,751	-----	227	-----	-----	-----
0861 FOREST PRODUCTS, NEC-----	65,737	59,512	4,230	687	1,308	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	61,611	44,895	13,814	18	2,884	-----	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	72,524	67,574	4,350	144	648	-----	-----	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	303	298	5	-----	-----	-----	-----	-----
1011 IRON ORE AND CONCENTRATES-----	897	107	790	-----	-----	-----	-----	-----
1021 COPPER ORE AND CONCENTRATES-----	43	6	37	-----	-----	-----	-----	-----
1051 ALUMINUM ORES, CONCENTRATES-----	16,744	15,709	1,035	-----	-----	-----	-----	-----
1061 MANGANESE ORES, CONCENTRATES-----	38	-----	38	-----	-----	-----	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	10,423	6,547	3,833	43	-----	-----	-----	-----
1121 COAL AND LIGNITE-----	1,332,844	315	382,427	950,059	43	-----	-----	-----
1311 CRUDE PETROLEUM-----	9,601,609	4,910,741	-----	3,782,570	49,406	56,601	802,291	-----
1411 LIMESTONE-----	4,570	24	4,456	-----	90	-----	-----	-----
1412 BUILDING STONE, UNWORKED-----	10,617	-----	10,365	27	225	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	3,621,142	40,831	7,336	691,572	10,197	1,987,614	76,125	807,467
1451 CLAY-----	371,846	362,089	9,030	496	233	-----	-----	-----
1471 PHOSPHATE ROCK-----	879	102	777	-----	-----	-----	-----	-----
1491 SALT-----	284,121	274,100	2,300	46	7,675	-----	-----	-----
1492 SULPHUR, DRY-----	5,039	-----	5,035	-----	4	-----	-----	-----
1494 GYPSUM, CRUDE AND PLASTER-----	26,669	25,261	1,368	-----	40	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	176,690	122,788	48,219	-----	1,683	-----	-----	4,000
1911 ORDNANCE AND ACCESSORIES-----	6,279	4,437	1,826	-----	16	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	107,944	15,364	66,936	19	25,625	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	118,051	107,595	3,912	-----	6,744	-----	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	100,628	-----	100,026	602	-----	-----	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	23,375	5,812	16,557	985	21	-----	-----	-----
2021 DAIRY PRODUCTS, NEC-----	119,404	105,638	4,415	19	9,332	-----	-----	-----
2022 DRIED MILK AND CREAM-----	32,202	925	23,236	63	7,978	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	157,202	102,025	3,446	32,148	19,663	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	335,260	295,851	12,172	8,646	18,591	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	476,821	455,366	15,540	2,926	2,969	-----	-----	-----
2041 WHEAT FLOUR AND SEMOLINA-----	3,120	-----	2,489	14	626	-----	-----	-----
2042 ANIMAL FEEDS-----	84,028	19,920	59,385	3,203	1,520	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	141,474	101,008	32,441	2,295	5,730	-----	-----	-----
2061 SUGAR-----	803,565	641,230	2,932	158,068	1,335	-----	-----	-----
2062 MOLASSES-----	64,065	56,534	197	5,870	-----	1,464	-----	-----
2081 ALCOHOLIC BEVERAGES-----	937,835	889,778	25,849	10,475	11,733	-----	-----	-----
2091 VEGETABLE OILS, HARG, SHORT-----	363,290	284,539	12,012	1,175	2,591	-----	-----	62,973
2092 ANIMAL OILS AND FATS, NEC-----	2,948	1,999	949	-----	-----	-----	-----	-----
2094 GROCERIES-----	86	-----	-----	-----	86	-----	-----	-----
2095 ICE-----	67,032	67,032	-----	-----	-----	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	462,112	351,569	59,256	10,207	41,080	-----	-----	-----
2111 TOBACCO MANUFACTURES-----	7,093	978	3,185	2,356	574	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	256,803	193,381	54,303	334	8,765	-----	-----	-----
2212 TEXTILE FIBERS, NEC-----	16,908	16,414	90	3	401	-----	-----	-----
2311 APPAREL-----	180,966	156,759	4,934	3,268	16,005	-----	-----	-----
2411 LOGS-----	22,782	12,055	10,727	-----	-----	-----	-----	-----
2413 FUEL WOOD, CHARCOAL, WASTES-----	6,801	5,063	1,738	-----	-----	-----	-----	-----
2414 TIMBER, POSTS, POLES, PILING-----	1,400	1,346	54	-----	-----	-----	-----	-----
2416 WOOD CHIPS, STAVES, MOLDINGS-----	2,362	819	1,543	-----	-----	-----	-----	-----
2421 LUMBER-----	388,159	327,088	60,122	84	175	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	19,695	17,326	2,356	-----	13	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	56,490	50,296	4,702	379	1,113	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	267,708	250,688	10,652	778	5,590	-----	-----	-----
2611 PULP-----	31,761	24,340	7,414	-----	7	-----	-----	-----
2621 STANDARD NEWSPRINT PAPER-----	67,568	38,781	25,753	-----	3,034	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	209,250	139,913	61,013	22	8,310	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	80,520	39,163	24,496	745	16,116	-----	-----	-----
2711 PRINTED MATTER-----	110,285	81,444	27,142	41	1,658	-----	-----	-----
2810 SODIUM HYDROXIDE-----	264,441	-----	156,118	13,522	2,493	92,308	492	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	163,479	152,352	730	9,905	-----	-----	-----	-----
2812 DYES, PIGMENT, TANNING MATS-----	7,870	-----	7,768	-----	102	-----	-----	-----
2813 ALCOHOLS-----	572,530	298,532	12,493	240,742	5,191	1,432	14,140	-----
2816 RADIOACTIVE MATERIALS, WASTES-----	1,236	3	1,230	-----	3	-----	-----	-----
2817 BENZENE AND TOLUENE-----	151,084	29,157	279	101,221	12	-----	20,415	-----
2818 SULPHURIC ACID-----	76,868	-----	2,000	74,868	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	3,239,185	2,131,704	148,470	768,827	81,158	-----	113,026	-----
2821 PLASTIC MATERIALS-----	474,176	231,419	232,031	207	10,519	-----	-----	-----
2822 SYNTHETIC RUBBER-----	32,108	6,205	25,149	33	801	-----	-----	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	23,049	15,211	7,561	12	265	-----	-----	-----
2831 DRUGS-----	61,710	45,301	11,126	3,746	1,545	-----	-----	-----
2841 SOAP-----	135,837	67,071	43,308	4,067	21,389	-----	-----	-----
2851 PAINTS-----	142,331	122,160	16,901	3	3,267	-----	-----	-----
2861 GUM AND WOOD CHEMICALS-----	4,393	2,849	1,374	-----	170	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	2,958	656	2,279	-----	23	-----	-----	-----
2872 POTASSIC CHEM FERTILIZERS-----	3,909	2,202	1,663	-----	44	-----	-----	-----
2873 PHOSPHATIC CHEM FERTILIZERS-----	450	450	-----	-----	-----	-----	-----	-----
2876 INSECTICIDES, DISINFECTANTS-----	27,548	11,608	15,572	3	365	-----	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	2,722	1,792	930	-----	-----	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	312,197	125,072	101,833	81,443	3,849	-----	-----	-----
2911 GASOLINE-----	35,946,446	7,981,481	121,510	4,235,646	11,850,178	3,328,102	8,429,529	-----
2912 JET FUEL-----	2,647,693	637,637	-----	1,091,449	648,583	75,398	194,626	-----
2913 KEROSENE-----	1,134,176	26,862	196	287,921	302,624	198,126	318,447	-----
2914 DISTILLATE FUEL OIL-----	25,018,320	1,269,888	74,625	7,151,804	5,385,806	50,383	9,094,270	-----
2915 RESIDUAL FUEL OIL-----	36,332,244	14,417,005	7,003	6,151,258	5,005,542	2,562,756	8,188,680	-----
2916 LUBRICATING OILS AND GREASES-----	712,811	9,799	40,668	618,062	4,160	-----	40,122	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	2,065,373	958,828	1,764	497,907	297,712	6,835	302,327	-----
2918 ASPHALT, TAR, AND PITCHES-----	2,219,702	343,352	1,484	87,865	1,480,274	42,580	60,783	203,264
2920 COKE, PETROLEUM COKE-----	493	-----	480	-----	15	-----	-----	-----

NEW YORK, NY, DISTRICT

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CONSOLIDATED STATEMENT OF WATERBORNE COMMERCE OF THE
PORT OF NEW YORK--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2921 LIQUEFIED GASES-----	121,231	117,880	3,252	-----	99	-----	-----	-----
2951 ASPHALT BUILDING MATERIALS-----	2,362	-----	2,282	-----	80	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	95,146	29,124	4,541	23,531	17,801	331	3,428	16,390
3011 RUBBER AND MISC PLASTIC PROD-----	339,168	290,655	36,856	1,688	9,969	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	164,126	141,617	17,556	424	4,529	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	191,134	166,233	15,689	135	9,077	-----	-----	-----
3241 BUILDING CEMENT-----	1,807,555	992,330	12,546	146,426	34,615	569,856	-----	51,782
3251 STRUCTURAL CLAY PRODUCTS-----	212,261	185,450	15,227	834	10,750	-----	-----	-----
3271 LIME-----	77	4	73	-----	-----	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	156,117	153,325	771	-----	2,021	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	176,081	130,864	13,928	28,664	2,625	-----	-----	-----
3311 PIG IRON-----	27,220	151	27,068	-----	1	-----	-----	-----
3312 SLAG-----	20	-----	20	-----	-----	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	157,837	157,030	807	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	232,419	220,960	6,207	39	5,213	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	98,423	1,500	91,752	-----	5,171	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	36,855	31,537	3,764	7	1,547	-----	-----	-----
3318 FERROALLOYS-----	20,085	7,794	1,064	11,153	874	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	65,794	56,342	9,286	-----	166	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	61,382	44,695	10,191	-----	6,496	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	132,365	119,816	11,248	-----	1,281	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	7,301	3,939	3,318	-----	44	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	80,786	68,366	18,259	234	1,923	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	576,015	481,916	70,413	2,240	21,446	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	766,752	592,788	160,859	1,222	10,891	-----	-----	1,000
3611 ELECTRICAL MACH AND EQUIP-----	548,264	438,772	97,812	2,132	9,548	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	874,119	803,380	64,226	510	6,003	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	4,073	940	3,106	-----	27	-----	-----	-----
3731 SHIPS AND BOATS-----	10,363	8,801	1,477	-----	85	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	37,341	18,962	7,660	21	10,698	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	201,079	135,912	63,424	121	1,622	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	276,593	253,255	14,528	3,109	5,701	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	2,463,628	1,050	1,992,164	43,659	5,005	-----	-----	421,750
4012 NONFERROUS METAL SCRAP-----	132,719	1,370	129,695	1,631	23	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	96,274	2,186	93,619	40	429	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	834,849	4,359	829,216	160	1,114	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	10,245,785	-----	-----	86,122	6,930	-----	5,955,574	4,197,159
4111 WATER-----	2,922	-----	-----	-----	-----	-----	-----	2,922
4112 COMMODITIES, NEC-----	1,507,384	53,033	84,317	381,223	773,281	-----	-----	215,530
9999 DEPARTMENT OF DEFENSE AND SCI-----	16,464	-----	16,464	-----	-----	-----	-----	-----

Waterborne Commerce of the United States, 1986

SUMMARY OF TRAFFIC

TOTAL WATERBORNE COMMERCE OF THE PORT OF NEW YORK, 1986

(SHORT TONS)

LOCALITY	TOTAL	FOREIGN		COASTWISE		INTERNAL		LOCAL	PER- CENT	THROUGH TRAFFIC
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS			
PORT CHESTER HARBOR, N. Y., LONG ISLAND SOUND AT RYE BEACH, N. Y.,	210,300 630			42,943		44,341		123,016	.11	
MANHATTAN HARBOR, N. Y.,	5,670				630		630		.01	
ARCHMONT HARBOR, N. Y.,									.01	
ECHO BAY HARBOR, N. Y.,										
NEW ROCHELLE HARBOR, N. Y.,	6,930				1,260		5,670		.01	
LONG ISLAND SOUND AT CITY ISLAND, N. Y.,	878							878	.01	
EAST CHESTER CREEK, N. Y.,	1,451,059			44,699		51,217		1,355,143	.79	
WESTCHESTER CREEK, N. Y.,	248,687				1,224			247,459	.13	
IRONX RIVER, N. Y.,	289,974			64,102		99,123		126,749	.16	
MANHASSET BAY, N. Y.,	78,188							78,188	.04	
LONG ISLAND SOUND, LONG ISLAND SHORE IN PORT N.Y.,	1,609							1,609	.01	
FLUSHING BAY AND CREEK, N.Y.,	1,984,221			26,845		435,327		1,522,049	1.07	
HARLEM RIVER, N. Y.,	781,283			228,810		151,211		401,262	.42	
HUDSON RIVER, N. Y., LOWER SECTION	915,669	283,406	2,500	134,378			291,999	203,386	.50	16,561,192
HUDSON RIVER CHANNEL, N. Y., AND N. J.,	3,014,565	873,701	327,101	79,456	3,061	97,986	221,480	1,415,780	1.63	17,372,096
EAST RIVER, N. Y.,	9,588,392	1,909,138	53,692	708,572	191,466	82,403	2,048,369	4,574,752	5.18	30,290,888
NEWTOWN CREEK, N. Y.,	3,037,776			131,416	13,292	50,616	106,141	2,736,313	1.64	
HALLABOUT CHANNEL, N. Y.,										
BUTTERMILK CHANNEL, N. Y.,	378,786	229,657	96,739	153	3,394			48,843	.20	263,366
BAY RIDGE AND RED HOOK CHANNELS, N. Y.,	1,261,743	460,629	167,087	2,697	28,389	65,173	399,280	138,488	.68	857,114
GOHANUS CREEK CHANNEL, N.Y.,	1,381,130	115,749	22	9,197	6,324	162,140	3,750	1,084,068	.75	700,475
GOHANUS CANAL, N. Y.,	760,875			6,456		224,012		550,007	.62	
GRAVESEND BAY, N. Y.,	1,823,345	685,232	32	99,848	44,811		92,024	901,398	.99	33,106
CONY ISLAND CREEK, N. Y.,	33,106					33,106			.02	
CONY ISLAND CHANNEL, N.Y.,										2,353,691
SHEEPSHEAD BAY, N. Y.,	34,200						34,200		.02	
EAST ROCKAWAY INLET, N. Y.,										1,385,539
JAMAICA BAY, N. Y.,	3,067,595			16,085	3,017	130,981	735,700	2,181,812	1.66	34,200
LEMON CREEK STATEN ISLAND, N. Y.,										
GREAT KILLS HARBOR, STATEN ISLAND, N. Y.,										
SHOAL HARBOR AND COMPTON CREEK, N. J.,										
KEYPORT HARBOR, N. J.,										
CHEESEQUAKE CREEK, N. J.,										
RARITAN RIVER, N. J.,	3,452,023			11,884	279,165	49,512	894,981	2,216,461	1.87	
ELIZABETH RIVER, N. J.,										
RAMMAY RIVER, N. J.,										
UPPER BAY, NEW YORK HARBOR, N. Y. AND N. J.,	34,389,230	20,158,015	803,876	3,886,888	1,313,405		1,301,543	6,925,512	18.60	103,494,056
SANDY HOOK BAY, N. J.,	53,307	9,694	5,224					38,389	.03	
NEWARK BAY, N. J.,	18,380,644	8,912,334	3,992,036	1,103,615	2,113,976		274,577	1,980,106	9.94	9,538,697
HACKENSACK RIVER, N. J.,	2,568,786			1,004,578	3,215	53,290	233,000	1,274,703	1.39	
PASSIAC RIVER, N. J.,	7,580,618	198,452	55,408	686,104	1,981,095	47,518	1,447,335	3,164,706	4.10	
NEW YORK AND NEW JERSEY CHANNELS, N. Y. AND N. J.,	88,056,115	12,756,129	658,891	19,683,531	20,514,663	879,643	6,219,447	27,343,811	47.60	26,562,698
RARITAN RIVER TO ARTHUR KILL CUT OFF CHANNEL, N.J.,										2,629,792
HAYCAKE CREEK, N. J.,										
SANDY HOOK BAY AT LEONARDO, N. J.,	198							198	.01	
TOTAL GROSS, UNADJUSTED---	184,841,143	46,592,136	6,162,608	27,972,257	26,507,331	2,657,599	14,314,126	60,635,086	100.00	
PERCENT-----		25.21	3.33	15.13	14.34	1.44	7.74	32	100.00	
NET VOLUME OF TONNAGE OF THE PORT-----	157,800,967	46,592,136	6,162,608	27,972,257	26,507,331	2,657,599	14,314,126	33,594,910		
PERCENT-----		29.53	3.91	17.73	16.80	1.68	9.07	21	100.00	

HUDSON RIVER, N. Y., DEEPWATER IN UPPER BAY, N. Y. TO
WATERFORD, N. Y. (CONSOLIDATED REPORT)

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC							
			RAILROAD FREIGHT CARS							
			UPBOUND		DOWNBOUND		UPBOUND		DOWNBOUND	
			EMPTY	LOADED	EMPTY	LOADED	EMPTY	LOADED	EMPTY	LOADED
1977	26,220,192	4,303,886	2,800	6,975	7,910	2,034				
1978	30,080,359	3,672,256	6,020	988	282	8,262				
1979	26,519,840	3,982,450	785	6,423	6,241	867				
1980	27,383,819	4,296,080	4,236	199		4,546				
1981	21,014,511	4,315,354								
1982	20,543,867	4,141,353								
1983	20,046,121	3,756,926								
1984	21,846,113	2,516,213								
1985	19,884,675	1,019,601								
1986	20,670,211	7,434,933	3,485	348	30	4,408				

NEW YORK, NY, DISTRICT

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HUDSON RIVER, N. Y., DEEPWATER IN UPPER BAY, N. Y. TO
WATERFORD, N. Y. (CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1986

FOREIGN

(SHORT TONS)

COMMODITY	TOTAL	IMPORTS	EXPORTS
TOTAL-----	5,101,997	4,640,409	461,588
0101 COTTON, RAW-----	0	0	0
0103 CORN-----	21	21	21
0105 RICE-----	1,034	1,034	1,034
0107 WHEAT-----	33,730	33,730	33,730
0119 OILSEEDS, NEC-----	1,279	1,279	1,279
0121 TOBACCO, LEAF-----	33	33	33
0129 FIELD CROPS, NEC-----	836	827	9
0131 FRESH FRUITS-----	160	151	9
0132 BANANAS AND PLANTAINS-----	118,160	118,160	118,160
0133 COFFEE-----	15,490	14,735	755
0134 COCOA BEANS-----	84	84	84
0141 FRESH AND FROZEN VEGETABLES-----	2,298	1,698	600
0151 LIVE ANIMALS-----	15	15	15
0161 ANIMALS AND PRODUCTS, NEC-----	6,204	4,011	2,193
0191 MISCELLANEOUS FARM PRODUCTS-----	147	135	12
0841 CRUDE RUBBER AND ALLIED GUMS-----	5,797	5,221	576
0861 FOREST PRODUCTS, NEC-----	3,246	3,033	213
0911 FRESH FISH, EXCEPT SHELLFISH-----	5,631	5,209	422
0912 SHELLFISH, EXCEPT PREPARED-----	3,730	3,473	265
0931 MARINE SHELLS, UNMANUFACTURED-----	50	50	50
1011 IRON ORE AND CONCENTRATES-----	220	220	220
1051 ALUMINUM ORES, CONCENTRATES-----	11,608	11,592	16
1091 NONFERROUS ORES, CONCENT, NEC-----	904	825	79
1121 COAL AND LIGNITE-----	218	218	218
1311 CRUDE PETROLEUM-----	358,153	348,153	10,000
1411 LIMESTONE-----	553	553	553
1412 BUILDING STONE, UNWORKED-----	2,314	2,314	2,314
1442 SAND, GRAVEL, CRUSHED ROCK-----	52,248	51,994	254
1451 CLAY-----	2,324	1,403	921
1471 PHOSPHATE ROCK-----	40	40	40
1491 SALT-----	23,025	23,025	23,025
1494 GYPSUM, CRUDE AND PLASTERS-----	1,035,865	1,035,385	480
1499 NONMETALLIC MINERALS, NEC-----	1,990	1,708	282
1911 ORNANCE AND ACCESSORIES-----	431	332	99
2011 MEAT, FRESH, CHILLED, FROZEN-----	1,577	900	677
2012 MEAT AND PRODUCTS, NEC-----	1,676	1,574	102
2014 TALLOW, ANIMAL FATS AND OILS-----	94	94	94
2015 ANIMAL BY-PRODUCTS, NEC-----	3,751	1,670	2,081
2021 DAIRY PRODUCTS, NEC-----	4,933	4,907	26
2022 DRIED MILK AND CREAM-----	902	7	895
2031 FISH AND SHELLFISH, PREPARED-----	10,675	10,488	187
2034 VEGETABLES AND PREP, NEC-----	80,692	80,321	371
2039 PREP FRUIT AND VEG JUICE, NEC-----	23,303	23,039	264
2042 ANIMAL FEEDS-----	11,043	697	10,346
2049 GRAIN MILL PRODUCTS, NEC-----	24,315	20,775	3,542
2061 SUGAR-----	280,247	280,246	1
2062 MOLASSES-----	90,509	90,509	90,509
2081 ALCOHOLIC BEVERAGES-----	91,192	91,007	185
2091 VEGETABLE OILS, MARG, SHORT-----	10,743	10,135	608
2092 ANIMAL OILS AND FATS, NEC-----	378	358	19
2095 ICE-----	3,245	3,245	3,245
2099 MISCELLANEOUS FOOD PRODUCTS-----	38,910	34,363	4,547
2111 TOBACCO MANUFACTURES-----	64	18	46
2211 BASIC TEXTILE PRODUCTS-----	26,828	24,276	2,552
2212 TEXTILE FIBERS, NEC-----	57	57	57
2311 APPAREL-----	12,214	11,978	236
2411 LOGS-----	623	10	613
2421 LUMBER-----	4,444	234	4,210
2431 VENEER, PLYWOOD, WORKED WOOD-----	638	503	135
2491 WOOD MANUFACTURES, NEC-----	4,205	4,157	48
2511 FURNITURE AND FIXTURES-----	26,137	25,610	527
2611 PULP-----	48,517	47,994	521
2621 STANDARD NEWSPRINT PAPER-----	879	872	7
2631 PAPER AND PAPERBOARD-----	23,096	14,117	8,979
2691 PULP AND PAPER PRODUCTS, NEC-----	5,332	3,476	1,856
2711 PRINTED MATTER-----	18,825	11,581	7,244
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	9,054	9,018	36
2812 DYES, PIGMENT, TANNING MATS-----	1,188	1,188	1,188
2813 ALCOHOLS-----	1,536	636	900
2816 RADIOACTIVE MATERIALS, WASTES-----	6	6	6
2817 BENZENE AND TOLUENE-----	1,523	1,521	2
2819 BASIC CHEMICALS AND PROD, NEC-----	32,584	21,321	11,263
2921 PLASTIC MATERIALS-----	31,660	15,184	16,476
2922 SYNTHETIC RUBBER-----	2,993	1,851	1,142
2923 SYNTHETIC (MAN-MADE) FIBERS-----	2,772	2,646	126
2931 DRUGS-----	5,559	4,879	680
2941 SOAP-----	10,608	5,980	4,628
2951 PAINTS-----	9,740	8,126	1,614
2961 GUM AND WOOD CHEMICALS-----	257	161	96
2971 NITROGENOUS CHEM FERTILIZERS-----	8,017	7,800	217
2972 POTASSIC CHEM FERTILIZERS-----	1,051	61	990
2973 PHOSPHATIC CHEM FERTILIZERS-----	190	190	190
2976 INSECTICIDES, DISINFECTANTS-----	897	356	541
2979 FERTILIZER AND MATERIALS, NEC-----	97	97	97
2991 MISCELLANEOUS CHEMICAL PROD-----	13,245	4,025	9,220
2911 GASOLINE-----	35	35	35
2913 KEROSENE-----	45	45	45
2914 DISTILLATE FUEL OIL-----	309,267	309,267	309,267
2915 RESIDUAL FUEL OIL-----	1,160,921	1,160,921	1,160,921
2916 LUBRICATING OILS AND GREASES-----	4,012	473	3,539
2917 NAPHTHA, PETROLEUM SOLVENTS-----	287	287	287
2918 ASPHALT, TAR, AND PITCHES-----	218	91	127

Waterborne Commerce of the United States, 1986

HUDSON RIVER, N. Y., DEEPWATER IN UPPER BAY, N. Y., TO
WATERFORD, N. Y. (CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

FOREIGN--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	IMPORTS	EXPORTS
2920 COKE, PETROLEUM COKE-----	15	-----	15
2921 LIQUEFIED GASES-----	317	100	209
2951 ASPHALT BUILDING MATERIALS-----	46	-----	46
2991 PETROLEUM AND COAL PROD, NEC-----	5,280	4,976	304
3011 RUBBER AND MISC PLASTIC PROD-----	30,441	27,270	3,171
3111 LEATHER AND LEATHER PRODUCTS-----	22,368	18,742	3,626
3211 GLASS AND GLASS PRODUCTS-----	18,079	16,000	1,999
3241 BUILDING CEMENT-----	218,657	218,027	230
3251 STRUCTURAL CLAY PRODUCTS-----	21,121	20,461	660
3281 CUT STONE AND STONE PRODUCTS-----	30,719	30,508	131
3291 MISC NONMETALLIC MINERAL PROD-----	13,571	12,636	935
3314 IRON AND STEEL PRIMARY FORMS-----	86	58	28
3315 IRON, STEEL SHAPES, EXC SHEET-----	13,393	13,125	268
3316 IRON AND STEEL PLATES, SHEETS-----	7,902	11	7,891
3317 IRON AND STEEL PIPE AND TUBE-----	3,435	3,276	159
3318 FERROALLOYS-----	150	100	50
3319 IRON AND STEEL PRODUCTS, NEC-----	5,458	4,918	540
3321 NONFERROUS METALS, NEC-----	4,243	3,667	576
3322 COPPER ALLOYS, UNWORKED-----	10,572	9,865	707
3323 LEAD AND ZINC, UNWORKED-----	301	57	244
3324 ALUMINUM AND ALLOYS, UNWORKED-----	6,570	5,772	798
3411 FABRICATED METAL PRODUCTS-----	48,261	41,807	6,454
3511 MACHINERY, EXCEPT ELECTRICAL-----	70,970	58,070	12,900
3611 ELECTRICAL MACH AND EQUIP-----	43,408	35,641	7,763
3711 MOTOR VEHICLES, PARTS, EQUIP-----	81,327	75,685	5,642
3721 AIRCRAFT AND PARTS-----	668	154	514
3731 SHIPS AND BOATS-----	879	642	237
3791 MISC TRANSPORTATION EQUIPMENT-----	622	382	240
3811 INSTR, TIME, PHOTO, OPT GOODS-----	12,474	5,759	6,715
3911 MISC MANUFACTURED PRODUCTS-----	30,069	28,520	1,549
4011 IRON AND STEEL SCRAP-----	102,182	948	101,234
4012 NONFERROUS METAL SCRAP-----	16,369	27	16,342
4022 TEXTILE WASTE, SCRAP, SWEEP-----	8,852	79	8,773
4024 PAPER WASTE AND SCRAP-----	115,038	282	114,756
4112 COMMODITIES, NEC-----	11,254	5,029	6,225
9999 DEPARTMENT OF DEFENSE AND SCI-----	1,192	-----	1,192
TON-MILES, FOREIGN,	381,232,657.		

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL					
		RECEIPTS	SHIPMENTS	INBOUND		OUTBOUND		THROUGH	UPBOUND
				UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND		
TOTAL-----	15,568,214	805,200	1,362,600	8,684,086	48,540	4,017,516	53,586	253,250	143,436
1311 CRUDE PETROLEUM-----	77,374	-----	-----	56,601	-----	20,773	-----	-----	-----
1402 SAND, GRAVEL, CRUSHED ROCK-----	2,478,392	72,832	176,031	151,692	-----	1,849,628	-----	186,209	-----
2001 SUGAR-----	134,378	134,378	-----	-----	-----	-----	-----	-----	-----
2002 MOLASSES-----	1,464	-----	-----	-----	-----	-----	1,464	-----	-----
2091 VEGETABLE OILS, MARG, SHORT-----	550	-----	-----	550	-----	-----	-----	-----	-----
2810 SODIUM HYDROXIDE-----	7,381	-----	-----	7,381	-----	-----	-----	-----	-----
2813 ALCOHOLS-----	1,432	-----	-----	1,432	-----	-----	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	4,000	4,000	-----	-----	-----	-----	-----	-----	-----
2911 GASOLINE-----	3,497,855	67,329	2,049	3,311,645	39,391	29	11,415	389	65,608
2912 JET FUEL-----	82,036	3,510	-----	40,471	-----	-----	-----	-----	38,055
2913 KEROSENE-----	241,530	-----	-----	226,152	504	1,379	3,943	-----	9,248
2914 DISTILLATE FUEL OIL-----	2,520,274	143,835	243	2,216,528	8,341	58,675	26,550	55,635	10,467
2915 RESIDUAL FUEL OIL-----	3,073,189	235,667	3,061	2,812,940	-----	2,290	10,214	9,017	-----
2916 LUBRICATING OILS AND GREASES-----	387	-----	-----	387	-----	-----	-----	-----	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	6,835	-----	-----	-----	-----	6,835	-----	-----	-----
2918 ASPHALT, TAR, AND PITCHES-----	253,584	142,849	7,272	40,825	-----	42,580	-----	-----	20,058
2991 PETROLEUM AND COAL PROD, NEC-----	3,866	-----	-----	3,428	-----	438	-----	-----	-----
3241 BUILDING CEMENT-----	1,743,800	-----	1,173,944	-----	-----	569,856	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	650	650	-----	-----	-----	-----	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	150	150	-----	-----	-----	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	26,655	-----	-----	-----	-----	26,655	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	1,197,814	-----	-----	-----	-----	1,197,814	-----	-----	-----
4112 COMMODITIES, NEC-----	214,618	-----	-----	14,054	-----	200,564	-----	-----	-----
TON-MILES, DOMESTIC,	1,060,680,916.								
TONS, ALL TRAFFIC,	20,670,211.								
TON-MILES, ALL TRAFFIC,	1,441,913,973.								

NEW YORK, NY, DISTRICT

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HUDSON RIVER, N. Y., MOUTH OF SPUYTEN DUYVIL CREEK
(HARLEM RIVER) TO WATERFORD, N. Y.

SECTION INCLUDED: MOUTH OF SPUYTEN DUYVIL CREEK (HARLEM RIVER) TO WATERFORD, N. Y. CONTROLLING DEPTH: 32 FEET MEAN LOW WATER FROM NEW YORK CITY TO 1,500 FEET SOUTH OF NORTH LIMIT OF 32-FOOT PROJECT; THENCE 14 FEET TO HEAD OF PROJECT AT WATERFORD, N. Y. PROJECT DEPTH: 34 FEET IN ROCK AND 32 FEET IN SOFT MATERIAL MEAN LOW WATER FROM NEW YORK CITY TO ALBANY; 14 FEET LOWEST LOW WATER TO WATERFORD. PROJECT LENGTH: ABOUT 155 MILES. NAVIGATION SEASON: LOWER SECTION: 12 MONTHS. UPPER SECTION: FOR BARGES 8 MONTHS, FOR OCEANGOING VESSELS 12 MONTHS.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	24,313,696	932,470	1982-----	17,278,634	880,003
1978-----	25,743,749	955,049	1983-----	17,345,234	946,314
1979-----	24,410,674	1,117,009	1984-----	19,076,837	846,541
1980-----	23,294,158	1,104,844	1985-----	17,037,424	839,423
1981-----	17,739,905	1,012,533	1986-----	17,753,912	1,223,330

FREIGHT TRAFFIC, 1986

FOREIGN

(SHORT TONS)

COMMODITY	TOTAL	IMPORTS	EXPORTS
TOTAL-----	3,901,195	3,766,708	134,487
0107 WHEAT-----	33,730		33,730
0132 BANANAS AND PLANTAINS-----	117,204	117,204	
0141 FRESH AND FROZEN VEGETABLES-----	17		
0161 ANIMALS AND PRODUCTS, NEC-----	6		
0911 FRESH FISH, EXCEPT SHELLFISH-----	21		
1051 ALUMINUM ORES, CONCENTRATES-----	11,070	11,070	
1311 CRUDE PETROLEUM-----	358,153	358,153	
1442 SAND, GRAVEL, CRUSHED ROCK-----	51,750	51,750	
1494 GYPSUM, CRUDE AND PLASTERS-----	1,035,385	1,035,385	
2034 VEGETABLES AND PREP, NEC-----	23		
2039 PREP FRUIT AND VEG JUICE, NEC-----	793		
2049 GRAIN MILL PRODUCTS, NEC-----	21		
2061 SUGAR-----	280,029	280,029	
2062 MOLASSES-----	90,509	90,509	
2081 ALCOHOLIC BEVERAGES-----	1,148	1,148	
2095 ICE-----	624	624	
2099 MISCELLANEOUS FOOD PRODUCTS-----	2,718	218	2,500
2211 BASIC TEXTILE PRODUCTS-----	58		
2311 APPAREL-----	50		
2491 WOOD MANUFACTURES, NEC-----	17		
2511 FURNITURE AND FIXTURES-----	1		
2611 PULP-----	47,959	47,959	
2631 PAPER AND PAPERBOARD-----	18		18
2691 PULP AND PAPER PRODUCTS, NEC-----	2		
2711 PRINTED MATTER-----	22		
2819 BASIC CHEMICALS AND PROD, NEC-----	2,208	2,205	3
2821 PLASTIC MATERIALS-----	32	24	8
2851 PAINTS-----	7		
2871 NITROGENOUS CHEM FERTILIZERS-----	7,771	7,771	
2914 DISTILLATE FUEL OIL-----	309,267	309,267	
2915 RESIDUAL FUEL OIL AND GREASES-----	1,160,921	1,160,921	
2916 LUBRICATING OILS AND GREASES-----	4		4
3011 RUBBER AND MISC PLASTIC PROD-----	16	16	
3111 LEATHER AND LEATHER PRODUCTS-----	40	40	
3211 GLASS AND GLASS PRODUCTS-----	23	23	
3241 BUILDING CEMENT-----	218,427	218,427	
3251 STRUCTURAL CLAY PRODUCTS-----	595	595	
3281 CUT STONE AND STONE PRODUCTS-----	23	23	
3291 MISC NONMETALLIC MINERAL PROD-----	43	43	
3315 IRON, STEEL SHAPES, EXC SHEET-----	4,319	4,319	
3411 FABRICATED METAL PRODUCTS-----	104	104	
3511 MACHINERY, EXCEPT ELECTRICAL-----	5,887	5,887	
3611 ELECTRICAL MACH AND EQUIP-----	27	27	
3711 MOTOR VEHICLES, PARTS, EQUIP-----	61,558	61,469	69
3721 AIRCRAFT AND PARTS-----	1		1
3731 SHIPS AND BOATS-----	35		35
3911 MISC MANUFACTURED PRODUCTS-----	47		47
4011 IRON AND STEEL SCRAP-----	98,154		98,154
4112 COMMODITIES, NEC-----	357	357	
9999 DEPARTMENT OF DEFENSE AND SCI-----	1		1
TON-MILES, FOREIGN,	333,516,304.		

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL					
		RECEIPTS	SHIPMENTS	INBOUND UPBOUND	OUTBOUND UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND	THROUGH UPBOUND
TOTAL-----	13,852,717	725,744	1,359,559	8,426,268	48,540	2,947,099	46,807	155,264	143,436
1311 CRUDE PETROLEUM-----	56,601			56,601					
1442 SAND, GRAVEL, CRUSHED ROCK-----	2,329,993		176,031	76,125		1,987,614		90,223	
2061 SUGAR-----	134,378	134,378							
2062 MOLASSES-----	1,464			1,464					
2810 SODIUM HYDROXIDE-----	2,493			2,493					
2813 ALCOHOLS-----	1,432			1,432					
2871 NITROGENOUS CHEM FERTILIZERS-----	4,000	4,000							
2911 GASOLINE-----	3,496,917	67,329	2,049	3,316,051	39,391		6,100	389	65,608

Waterborne Commerce of the United States, 1986

HUDSON RIVER, N. Y., MOUTH OF SPUYTEN DUYVIL CREEK
(HARLEM RIVER) TO WATERFORD, N. Y.--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL					THROUGH UPBOUND
		RECEIPTS	SHIPMENTS	INBOUND UPBOUND	OUTBOUND UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND	
2912 JET FUEL-----	78,908	3,510	-----	37,343	-----	-----	-----	-----	38,055
2913 KEROSENE-----	202,677	-----	-----	168,676	808	-----	3,945	-----	9,248
2914 DISTILLATE FUEL OIL-----	2,408,863	143,635	283	2,113,409	8,341	50,343	26,550	55,635	10,467
2915 RESIDUAL FUEL OIL-----	2,836,508	229,043	-----	2,588,234	-----	-----	10,214	9,017	-----
2916 LUBRICATING OILS AND GREASES-----	5	-----	-----	5	-----	-----	-----	-----	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	6,835	-----	-----	-----	-----	6,835	-----	-----	-----
2918 ASPHALT, TAR, AND PITCHES-----	253,588	142,849	7,272	40,825	-----	42,580	-----	-----	20,058
2991 PETROLEUM AND COAL PROD, NEC-----	3,759	-----	-----	3,628	-----	331	-----	-----	-----
3241 BUILDING CEMENT-----	1,743,800	-----	1,173,944	-----	-----	569,856	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	650	650	-----	-----	-----	-----	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	150	150	-----	-----	-----	-----	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	289,500	-----	-----	-----	-----	289,500	-----	-----	-----
TON-MILES, DOMESTIC,-----	982,139,113.	-----	-----	-----	-----	-----	-----	-----	-----

TONS, ALL TRAFFIC,----- 17,753,912.
TON-MILES, ALL TRAFFIC, 1,235,655,417.

TARRYTOWN HARBOR, N. Y.
(INCLUDED IN STATISTICS FOR HUDSON RIVER)

SECTION INCLUDED: A CHANNEL ALONG THE WHARF FRONT; AND NORTHERLY AND SOUTHERLY CONNECTING CHANNELS TO DEEP WATER IN THE HUDSON RIVER. CONTROLLING DEPTH: 9 FEET IN NORTH BRANCH AND 10 FEET ALONG WHARF FRONT AND 10 FEET IN SOUTH BRANCH. PROJECT DEPTH: 12 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: 1 MILE. NAVIGATION SEASON: 10 MONTHS OF THE YEAR.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	257,359	1982-----	395,802
1978-----	430,798	1983-----	432,714
1979-----	470,287	1984-----	563,231
1980-----	433,203	1985-----	320,083
1981-----	338,750	1986-----	270,181

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL RECEIPTS
1442 SAND, GRAVEL, CRUSHED ROCK-----	-----	270,181
2914 DISTILLATE FUEL OIL-----	-----	166,348
2915 RESIDUAL FUEL OIL-----	-----	80,866
-----	-----	23,167

PORT OF ALBANY, N. Y.
(INCLUDED IN STATISTICS FOR HUDSON RIVER)

SECTION INCLUDED: FROM THE SOUTHERLY END OF CABBAGE ISLAND OR ISLAND CREEK TO THE NORTHERLY LIMITS OF THE CITIES OF RENSSELAER AND ALBANY. CONTROLLING DEPTH: 32 FEET MEAN LOW WATER FROM THE SOUTHERLY END OF CABBAGE ISLAND TO 4,500 FEET SOUTH OF NORTH LIMIT OF 32-FOOT PROJECT; THENCE 13 FEET TO NORTH LIMIT OF 32-FOOT PROJECT; THENCE 14 FEET TO WATERFORD. PROJECT DEPTH: 34 FEET IN ROCK AND 32 FEET IN SOFT MATERIAL TO A POINT ABOUT 2,200 FEET SOUTH OF DUNN MEMORIAL BRIDGE; THENCE 14 FEET TO WATERFORD. ALL AT MEAN LOW WATER EXCEPT FROM ALBANY TO TROY LOCK AND DAM WHICH IS AT LOWEST LOW WATER. NAVIGATION SEASON: FOR BARGES, 8 MONTHS; FOR OCEANGOING VESSELS, 12 MONTHS.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	9,591,325	-----	1982-----	5,154,448	116
1978-----	9,632,493	144	1983-----	5,265,198	-----
1979-----	9,658,112	-----	1984-----	5,820,147	119
1980-----	8,711,672	302	1985-----	5,728,591	-----
1981-----	5,473,241	142	1986-----	6,870,639	-----

NEW YORK, NY, DISTRICT

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PORT OF ALBANY, N. Y.
(INCLUDED IN STATISTICS FOR HUDSON RIVER)--CONTINUED

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
TOTAL-----	6,870,639	2,508,732	131,965	270,743	9,560	3,706,538	174,531	68,566
0107 WHEAT-----	33,730		33,730					
0132 BANANAS AND PLANTAINS-----	117,204	117,204						
1051 ALUMINUM ORES, CONCENTRATES-----	11,070	11,070						
1311 CRUDE PETROLEUM-----	414,754	358,153				56,601		
1494 GYPSUM, CRUDE AND PLASTERS-----	337,846	337,846						
2039 PREP FRUIT AND VEG JUICE, NEC-----	664	664						
2062 MOLASSES-----	91,973	90,509				1,464		
2211 BASIC TEXTILE PRODUCTS-----	9	9						
2311 APPAREL-----	10	10						
2491 WOOD MANUFACTURES, NEC-----	3	3						
2511 FURNITURE AND FIXTURES-----	1	1						
2611 PULP-----	47,959	47,959						
2691 PULP AND PAPER PRODUCTS, NEC-----	2	2						
2810 SODIUM HYDROXIDE-----	2,493					2,493		
2813 ALCOHOLS-----	1,432					1,432		
2819 BASIC CHEMICALS AND PROD, NEC-----	3		3					
2821 PLASTIC MATERIALS-----	8		8					
2871 NITROGENOUS CHEM FERTILIZERS-----	11,771	7,771		4,000				
2911 GASOLINE-----	2,020,799			59,606	2,089	1,919,364	39,740	
2912 JET FUEL-----	34,310					34,310		
2913 KEROSENE-----	135,974					133,070	2,904	
2914 DISTILLATE FUEL OIL-----	1,272,120	245,633		140,013	243	754,795	82,101	49,335
2915 RESIDUAL FUEL OIL-----	1,881,586	1,001,329		61,447		799,581		19,231
2917 NAPHTHA, PETROLEUM SOLVENTS-----	6,835						6,835	
2918 ASPHALT, TAR, AND PITCHES-----	55,529			5,677	7,272		42,580	
2991 PETROLEUM AND COAL PROD, NEC-----	3,759					3,428	331	
3011 RUBBER AND MISC PLASTIC PROD-----	16	16						
3111 LEATHER AND LEATHER PRODUCTS-----	4	4						
3241 BUILDING CEMENT-----	218,427	218,427						
3281 CUT STONE AND STONE PRODUCTS-----	1	1						
3291 MISC NONMETALLIC MINERAL PROD-----	13	13						
3315 IRON, STEEL SHAPES, EXC SHEET-----	4,319	4,319						
3411 FABRICATED METAL PRODUCTS-----	74	74						
3511 MACHINERY, EXCEPT ELECTRICAL-----	5,786	5,786						
3611 ELECTRICAL MACH AND EQUIP-----	24	24						
3711 MOTOR VEHICLES, PARTS, EQUIP-----	61,558	61,489	69					
3731 SHIPS AND BOATS-----	34	34						
3911 MISC MANUFACTURED PRODUCTS-----	25	25						
4011 IRON AND STEEL SCRAP-----	98,154		98,154					
4112 COMMODITIES, NEC-----	357	357						
9999 DEPARTMENT OF DEFENSE AND SCI-----	1		1					

FEDERAL LOCK, TROY, N. Y.

NAVIGATION SEASON: 13 APRIL TO 14 DECEMBER 1986

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	1,568,076	1982	632,633
1978	1,490,922	1983	495,636
1979	1,262,205	1984	404,434
1980	1,034,103	1985	296,996
1981	731,570	1986	285,707

FREIGHT TRAFFIC, 1986

COMMODITY	TONS
2062 MOLASSES	12,196
2911 GASOLINE	124,543
2912 JET FUEL	101,776
2913 KEROSENE	3,371
2914 DISTILLATE FUEL OIL	12,484
2915 RESIDUAL FUEL OIL	4,882
2918 ASPHALT, TAR, AND PITCHES	23,204
3511 MACHINERY, EXCEPT ELECTRICAL	3,251
GRAND TOTAL	285,707
TRAFFIC (TONS) NORTH	276,992
TRAFFIC (TONS) SOUTH	8,715
TOTAL	285,707

Waterborne Commerce of the United States, 1986

NEW YORK STATE BARGE CANAL SYSTEM, N. Y.

SECTION INCLUDED: FEDERAL PROJECT-ERIE SECTION: FROM WATERFORD TO THREE RIVERS; OSWEGO SECTION: THREE RIVERS TO OSWEGO, N. Y. NON PROJECT-ERIE SECTION: THREE RIVERS TO TONAWANDA, N. Y.; CHAMPLAIN SECTION: WATERFORD TO WHITEHALL, N. Y. CONTROLLING DEPTH: 14 FEET 14 EARTH CUTS, ROCK CUTS, CANALIZED RIVERS AND LAKES AND IN OPEN RIVERS; 12 FEET IN LOCKS. PROJECT DEPTH: 14 FEET, 13 FEET IN LOCKS. PROJECT LENGTH: APPROXIMATELY 194 MILES, ALL BELOW NORMAL POOL LEVEL. NAVIGATION SEASON: 22 APRIL TO 6 DECEMBER 1986.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	1,828,878	1982-----	777,292
1978-----	1,553,310	1983-----	579,777
1979-----	1,303,337	1984-----	457,134
1980-----	1,148,382	1985-----	280,504
1981-----	807,925	1986-----	257,142

SUMMARY FREIGHT TRAFFIC, 1986

DIVISIONS	TONS
CAYUGA-SENECA-----	-----
CHAMPLAIN-----	167,121
ERIE-----	90,021
OSWEGO-----	-----
TOTAL-----	257,142

DISTRIBUTION AND FLOW OF TRAFFIC

TRAFFIC	CAYUGA-SENECA (TONS)	CHAMPLAIN (TONS)	ERIE (TONS)	OSWEGO (TONS)	TOTAL ALL CANALS (TONS)
EAST-----	-----	167,121	-----	-----	167,121
WEST-----	-----	-----	90,021	-----	90,021
THROUGH-----	-----	167,121	-----	-----	167,121
LOCAL-----	-----	-----	90,021	-----	90,021
THROUGH, EAST-----	-----	167,121	-----	-----	167,121
THROUGH, WEST-----	-----	-----	-----	-----	-----
LOCAL, EAST-----	-----	-----	-----	-----	-----
LOCAL, WEST-----	-----	-----	90,021	-----	90,021

THE TOTAL TONNAGE OF THE COMMODITIES TRANSPORTED AND THE AMOUNTS (IN NET TONS) MOVED EASTWARD AND WESTWARD ARE SHOWN IN THE FOLLOWING STATEMENTS:

COMMODITY	TOTAL	EAST	WEST
TOTAL-----	257,142	167,121	90,021
2911 GASOLINE-----	104,999	104,999	-----
2912 JET FUEL-----	38,055	38,055	-----
2913 KEROSENE-----	10,056	10,056	-----
2914 DISTILLATE FUEL OIL-----	18,808	18,808	-----
2918 ASPHALT, TAR, AND BITUMENS-----	20,058	-----	20,058
3241 BUILDING CEMENT-----	85,166	-----	85,166
TOTAL TON-MILES: 19,455,452.			

HEMPSTEAD HARBOR, N. Y.

SECTION INCLUDED: FROM LONG ISLAND SOUND TO ROSLYN TOWN WHARF. CONTROLLING DEPTH: 6 FEET FROM ENTRANCE OF BAR BEACH TO 2750 FEET ABOVE ENTRANCE, THENCE 6 FEET TO 0.0 FEET TO HEAD OF PROJECT. PROJECT DEPTH: 13 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: 2.3 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	ADDITIONAL THROUGH TRAFFIC (TONS)
1977-----	1,502,662	224,400	1982-----	2,698,242	215,562
1978-----	3,735,575	235,077	1983-----	1,956,824	218,844
1979-----	2,621,631	215,231	1984-----	2,966,513	214,686
1980-----	2,769,267	276,861	1985-----	2,623,450	83,532
1981-----	2,594,357	184,185	1986-----	1,147,607	18,348

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	SHIPMENTS
		RECEIPTS	
TOTAL-----	1,147,607	1,139,085	8,522
1442 SAND, GRAVEL, CRUSHED ROCK-----	539,272	530,750	8,522
2911 GASOLINE-----	288,132	288,132	-----

NEW YORK, NY, DISTRICT

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HEMPSTEAD HARBOR, N. Y.--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	
		RECEIPTS	SHIPMENTS
2913 KEROSENE-----	3,082	3,082	-----
2914 DISTILLATE FUEL OIL-----	260,649	260,649	-----
2915 RESIDUAL FUEL OIL-----	56,872	56,872	-----
TOTAL TON-MILES, 1,791,336.			

PORT JEFFERSON HARBOR, N. Y.

SECTION INCLUDED: FROM DEEP WATER IN LONG ISLAND SOUND TO PORT JEFFERSON HARBOR, THENCE TO VILLAGE OF PORT JEFFERSON. CONTROLLING DEPTH: 27 FEET; TURNING BASIN 11 FEET, PROJECT DEPTH: 40 FEET IN ENTRANCE CHANNEL, 30 FEET IN TURNING BASIN, ALL AT MEAN LOW WATER. PROJECT LENGTH: 2.3 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC AUTOMOBILES ACCOMPANYING PASSENGERS	YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC AUTOMOBILES ACCOMPANYING PASSENGERS
1977-----	4,484,081	94,789	24,434	1982-----	3,428,511	141,202	30,190
1978-----	4,407,276	106,330	25,055	1983-----	3,142,894	189,117	65,966
1979-----	4,231,607	203,084	50,786	1984-----	3,523,007	76,076	10,148
1980-----	3,301,718	31,320	-----	1985-----	2,955,137	473,144	238,330
1981-----	3,494,265	229,757	60,260	1986-----	3,597,863	558,982	346,586

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC COASTWISE	
		IMPORTS	RECEIPTS	SHIPMENTS	
TOTAL-----	3,597,863	348,775	3,063,942	185,146	
0191 MISCELLANEOUS FARM PRODUCTS-----	1	1	-----	-----	
1402 SAND, GRAVEL, CRUSHED ROCK-----	363,984	-----	361,246	2,738	
2311 APPAREL-----	10	10	-----	-----	
2511 FURNITURE AND FIXTURES-----	53	53	-----	-----	
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	1,300	-----	-----	1,300	
2819 BASIC CHEMICALS AND PROD, NEC-----	64,020	50,399	13,621	-----	
2911 GASOLINE-----	1,644,586	110,080	1,407,560	126,946	
2912 JET FUEL-----	53,371	8,481	36,501	8,389	
2913 KEROSENE-----	23,651	6,612	17,039	-----	
2914 DISTILLATE FUEL OIL-----	926,140	108,315	794,424	22,901	
2915 RESIDUAL FUEL OIL-----	465,618	64,772	389,287	11,559	
2917 NAPHTHA, PETROLEUM SOLVENTS-----	35,269	-----	23,956	11,313	
2991 PETROLEUM AND COAL PROD, NEC-----	19,808	-----	19,808	-----	
3011 RUBBER AND MISC PLASTIC PROD-----	2	2	-----	-----	
3211 GLASS AND GLASS PRODUCTS-----	4	4	-----	-----	
3411 FABRICATED METAL PRODUCTS-----	4	4	-----	-----	
3611 ELECTRICAL MACH AND EQUIP-----	26	26	-----	-----	
3711 MOTOR VEHICLES, PARTS, EQUIP-----	5	5	-----	-----	
3911 MISC MANUFACTURED PRODUCTS-----	11	11	-----	-----	
TOTAL TON-MILES, 7,195,726.					

NORTHPORT HARBOR, N. Y.

SECTION INCLUDED: FROM BLUFF POINT TO HEAD OF NAVIGATION. CONTROLLING DEPTH: (1954) 8 FEET, 6 FEET IN ANCHORAGE. PROJECT DEPTH: 8 AND 6 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: 0.4 MILE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	-----	58,090	1982-----	90,218	32
1978-----	25,347	48	1983-----	124,718	8
1979-----	-----	96	1984-----	138,192	48
1980-----	-----	20	1985-----	68,501	36
1981-----	-----	2	1986-----	260,097	22

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	
		RECEIPTS	SHIPMENTS
TOTAL-----	260,097	7,838	252,259
2914 DISTILLATE FUEL OIL-----	1,214	1,214	-----
2915 RESIDUAL FUEL OIL-----	258,883	6,624	252,259
TOTAL TON-MILES, 260,097.			

Waterborne Commerce of the United States, 1986

OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT				
BROWNS CREEK, N. Y.-----				890,378
BURLINGTON HARBOR, VT.-----	2911 GASOLINE-----	25,509		
	2912 JET FUEL-----	5,149		
	2913 KEROSENE-----	8,775		
	2914 DISTILLATE FUEL OIL-----	<u>8,946</u>		
	TOTAL-----	48,379		225,000
CHEESEQUAKE CREEK, N. J. (INCLUDED IN PORT OF NEW YORK)-----	NO COMMERCE REPORTED			
CONEY ISLAND CREEK, N. Y. (INCLUDED IN PORT OF NEW YORK)-----	1402 SAND, GRAVEL, CRUSHED ROCK-----	33,106	33,106	
ECHO BAY HARBOR, N. Y. (INCLUDED IN PORT OF NEW YORK)-----	NO COMMERCE REPORTED			
ELIZABETH RIVER, N. J. (INCLUDED IN PORT OF NEW YORK)-----	NO COMMERCE REPORTED			
FIRE ISLAND INLET, N. Y.-----	3201 BUILDING CEMENT-----	600	600	319,502
GLEN COVE CREEK, N. Y.-----	1402 SAND, GRAVEL, CRUSHED ROCK-----	14,755		
	2914 DISTILLATE FUEL OIL-----	<u>3,593</u>		
	TOTAL-----	18,348	18,348	
GLEN COVE HARBOR, N. Y.-----	NO COMMERCE REPORTED			
GREAT KILLS HARBOR, STATEN ISLAND, N. Y. (INCLUDED IN PORT OF NEW YORK)-----	NO COMMERCE REPORTED			
GREAT SOUTH BAY, N. Y. (INCLUDING STATISTICS FOR PATCHOGUE RIVER, N. Y.)-----	3201 BUILDING CEMENT-----	600		
	4112 COMMODITIES, NEC-----	<u>7,471</u>		
	TOTAL-----	8,071	23,644	2,921,000
GREENPORT HARBOR, N. Y.-----				283,153
HUNTINGTON HARBOR, N. Y.-----	NO COMMERCE REPORTED			
JONES INLET, N. Y.-----				164,270
KEYPORT HARBOR, N. J. (INCLUDED IN PORT OF NEW YORK)-----				12,788
LAKE MONTAUK HARBOR, N. Y.-----				1,539,530
LARCHMONT HARBOR, N. Y. (INCLUDED IN PORT OF NEW YORK)-----	NO COMMERCE REPORTED			
LEMON CREEK, STATEN ISLAND, N. Y. (INCLUDED IN PORT OF NEW YORK)-----	NO COMMERCE REPORTED			
LONG ISLAND INTRACASTAL WATERWAY, N. Y.-----	3201 BUILDING CEMENT-----	600	18,000	11,148
MANARONCK HARBOR, N. Y. (INCLUDED IN PORT OF NEW YORK)-----	4029 WASTE AND SCRAP, NEC-----	5,670	5,670	
MANNHASSET BAY, N. Y. (INCLUDED IN PORT OF NEW YORK)-----	2914 DISTILLATE FUEL OIL-----	78,188	259,272	
MATTITUCK HARBOR, N. Y.-----				15,940
MARROWS OF LAKE CHAMPLAIN, N. Y. AND VT.-----	2911 GASOLINE-----	104,994		
	2912 JET FUEL-----	58,055		
	2913 KEROSENE-----	10,056		
	2914 DISTILLATE FUEL OIL-----	<u>14,911</u>		
	TOTAL-----	187,121	3,008,178	
NEW ROCHELLE HARBOR, N. Y. (INCLUDED IN PORT OF NEW YORK)-----	4029 WASTE AND SCRAP, NEC-----	6,930	6,930	38,230
ORONOC CREEK, N. Y.-----	NO COMMERCE REPORTED			
PATCHOGUE RIVER, N. Y. (INCLUDED IN STATISTICS FOR GREAT SOUTH BAY, N. Y.)-----	NO COMMERCE REPORTED			
PECONIC RIVER, N. Y.-----	NO COMMERCE REPORTED			
PEEKSKILL HARBOR, N. Y. (INCLUDED IN STATISTICS FOR HUDSON RIVER)-----				2,050
PORT CHESTER HARBOR, N. Y. (INCLUDED IN PORT OF NEW YORK)-----	1402 SAND, GRAVEL, CRUSHED ROCK-----	143,494		
	2911 GASOLINE-----	<u>2,758</u>		
	2914 DISTILLATE FUEL OIL-----	<u>64,048</u>		
	TOTAL-----	210,300	230,751	
PORT HENRY HARBOR, N. Y.-----	NO COMMERCE REPORTED			
RAMHAY RIVER, N. J. (INCLUDED IN PORT OF NEW YORK)-----	NO COMMERCE REPORTED			
ROXBURY HARBOR, N. Y. (INCLUDED IN STATISTICS FOR HUDSON RIVER)-----	1402 SAND, GRAVEL, CRUSHED ROCK-----	2,056		
	2911 GASOLINE-----	65,314		
	2912 JET FUEL-----	1,043		
	2913 KEROSENE-----	4,808		
	2914 DISTILLATE FUEL OIL-----	<u>83,178</u>		
	TOTAL-----	176,399		
ROUSE POINT, N. Y.-----	NO COMMERCE REPORTED			

NEW YORK, NY, DISTRICT
OTHER HARBORS AND WATERWAYS--CONTINUED

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HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT--CONTINUED				
SAG HARBOR, N. Y.-----				646,803
SANDY HOOK BAY AT LEONARDU, N. J. (INCLUDED IN PORT OF NEW YORK)-----	2914 DISTILLATE FUEL OIL-----	198	198	
SANDY HOOK BAY, ATL. HIGHLANDS N. J.-----				402,776
SANDY HOOK CHANNEL, N. Y.-----	NO COMMENCE REPORTED			
SAUGERTIES HARBOR, N. Y. (INCLUDED IN STATISTICS FOR HUDSON RIVER)-----	NO COMMENCE REPORTED			
SHARK RIVER, N. J.-----				230,316
SHEEPSHEAD BAY, N. Y.-----	4029 WASTE AND SCRAP, NEC-----	34,200	34,200	324,910
SHINNECOCK INLET, N. Y.-----				7,868
SMOAL HARBOR AND COMPTON CREEK, N. J. (INCLUDED IN PORT OF NEW YORK)-----	NO COMMENCE REPORTED			
SHREASBURY RIVER, N. J.-----				167,792
HALLABOUT CHANNEL, N. Y. (INCLUDED IN PORT OF NEW YORK)-----	NO COMMENCE REPORTED			
HAYCAKE CREEK, N. J. (INCLUDED IN PORT OF NEW YORK)-----	NO COMMENCE REPORTED			
WESTCHESTER CREEK, N. Y. (INCLUDED IN PORT OF NEW YORK)-----	2911 GASOLINE-----	82,940		
	2914 DISTILLATE FUEL OIL-----	165,747		
	TOTAL-----	248,687	604,518	
NONPROJECT				
SONARUS CANAL, N. Y. (INCLUDED IN PORT OF NEW YORK)-----	1442 SAND, GRAVEL, CRUSHED ROCK-----	291,579		
	2912 JET FUEL-----	569		
	2913 KEROSENE-----	281		
	2914 DISTILLATE FUEL OIL-----	379,009		
	2915 RESIDUAL FUEL OIL-----	109,037		
	TOTAL-----	780,475	1,106,091	
GRAVESEND BAY, N. Y. (INCLUDED IN PORT OF NEW YORK)-----	1311 CRUDE PETROLEUM-----	307,098		
	1442 SAND, GRAVEL, CRUSHED ROCK-----	33,106		
	2891 MISCELLANEOUS CHEMICAL PROD-----	32		
	2911 GASOLINE-----	505,282		
	2913 KEROSENE-----	22,056		
	2914 DISTILLATE FUEL OIL-----	149,040		
	2915 RESIDUAL FUEL OIL-----	750,268		
	2916 LUBRICATING OILS AND GREASES-----	411		
	3011 RUBBER AND MISC PLASTIC PROD-----	11		
	3411 FABRICATED METAL PRODUCTS-----	1		
	4029 WASTE AND SCRAP, NEC-----	309,125		
	4112 COMMODITIES, NEC-----	21		
	TOTAL-----	1,856,451	2,021,481	
LONG ISLAND SOUND AT CITY ISLAND, N. Y. (INCLUDED IN PORT OF NEW YORK)-----	2915 RESIDUAL FUEL OIL-----	878	878	10,750
LONG ISLAND SOUND AT RYE BEACH, N. Y. (INCLUDED IN PORT OF NEW YORK)-----	4029 WASTE AND SCRAP, NEC-----	630	630	
LONG ISLAND SOUND, N. Y. (INCLUDED IN PORT OF NEW YORK)-----	2914 DISTILLATE FUEL OIL-----	81		
	2915 RESIDUAL FUEL OIL-----	1,528		
	TOTAL-----	1,609	4,827	38,230
OYSTER BAY, N. Y.-----	2911 GASOLINE-----	106,470		
	2914 DISTILLATE FUEL OIL-----	162,667		
	2915 RESIDUAL FUEL OIL-----	1,685		
	TOTAL-----	270,822	345,011	
SANDY HOOK BAY, N. J. (INCLUDED IN PORT OF NEW YORK)-----	0133 COFFEE-----	78		
	0141 FRESH AND FROZEN VEGETABLES-----	1		
	0841 CRUDE RUBBER AND ALLIED GUMS-----	4,858		
	0861 FOREST PRODUCTS, NEC-----	1,562		
	1451 CLAY-----	1		
	1491 SALT-----	1,153		
	1499 NONMETALLIC MINERALS, NEC-----	1		
	1911 ORNANCE AND ACCESSORIES-----	111		
	2011 MEAT, FRESH, CHILLED, FROZEN-----	2		
	2012 MEAT AND PRODUCTS, NEC-----	24		
	2031 FISH AND SHELLFISH, PREPARED-----	11		
	2034 VEGETABLES AND PREP, NEC-----	4		
	2039 PREP FRUIT AND VEG JUICE, NEC-----	189		
	2049 GRAIN MILL PRODUCTS, NEC-----	356		
	2081 ALCOHOLIC BEVERAGES-----	67		
	2091 VEGETABLE OILS, MARG, SHORT-----	49		
	2095 ICE-----	216		
	2099 MISCELLANEOUS FOOD PRODUCTS-----	700		
	2211 BASIC TEXTILE PRODUCTS-----	260		
	2311 APPAREL-----	21		
	2421 LUMBER-----	19		
	2491 WOOD MANUFACTURES, NEC-----	8		
	2511 FURNITURE AND FIXTURES-----	14		

Waterborne Commerce of the United States, 1986

OTHER HARBORS AND WATERS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TONNAGES	PASSENGERS
NONPROJECT--CONTINUED				
SANDY HOOK BAY, N. J. (INCLUDED IN PORT OF NEW YORK) (CONTINUED)	2631 PAPER AND PAPERBOARD-----	25	-----	-----
	2691 PULP AND PAPER PRODUCTS, NEC-----	114	-----	-----
	2711 PRINTED MATTER-----	3	-----	-----
	2813 ALCOHOLS-----	1	-----	-----
	2819 BASIC CHEMICALS AND PROD., NEC-----	251	-----	-----
	2821 PLASTIC MATERIALS-----	75	-----	-----
	2831 DRUGS-----	5	-----	-----
	2841 SOAP-----	5	-----	-----
	2851 PAINTS-----	17	-----	-----
	2876 INSECTICIDES, DISINFECTANTS-----	1	-----	-----
	2891 MISCELLANEOUS CHEMICAL PROD-----	150	-----	-----
	2914 DISTILLATE FUEL OIL-----	56,979	-----	-----
	2915 RESIDUAL FUEL OIL-----	1,411	-----	-----
	2916 LUBRICATING OILS AND GREASES-----	25	-----	-----
	2921 LIQUEFIED GASES-----	2	-----	-----
	3011 RUBBER AND MISC PLASTIC PROD-----	57	-----	-----
	3111 LEATHER AND LEATHER PRODUCTS-----	11	-----	-----
	3251 STRUCTURAL CLAY PRODUCTS-----	206	-----	-----
	3261 CUT STONE AND STONE PRODUCTS-----	64	-----	-----
	3291 MISC NONMETALLIC MINERAL PROD-----	3	-----	-----
	3316 IRON AND STEEL PLATES, SHEETS-----	3	-----	-----
	3317 IRON AND STEEL PIPE AND TUBE-----	350	-----	-----
	3319 IRON AND STEEL PRODUCTS, NEC-----	54	-----	-----
	3321 NONFERROUS METALS, NEC-----	10	-----	-----
	3328 ALUMINUM AND ALLOYS, UNWORKED-----	321	-----	-----
	3411 FABRICATED METAL PRODUCTS-----	46	-----	-----
	3511 MACHINERY, EXCEPT ELECTRICAL-----	163	-----	-----
	3611 ELECTRICAL MACH AND EQUIP-----	214	-----	-----
	3711 MOTOR VEHICLES, PARTS, EQUIP-----	408	-----	-----
	3721 AIRCRAFT AND PARTS-----	1	-----	-----
	3811 INSTR, TIME, PHOTO, OPT GOODS-----	27	-----	-----
	3911 MISC MANUFACTURED PRODUCTS-----	7	-----	-----
	4012 NONFERROUS METAL SCRAP-----	220	-----	-----
	4022 TEXTILE WASTE, SCRAP, S FEP-----	153	-----	-----
	4112 COMMODITIES, NEC-----	12	-----	-----
	9999 DEPARTMENT OF DEFENSE AND SCI-----	2,127	-----	-----
	TOTAL-----	53,307	150,165	570,568

PHILADELPHIA, PA, DISTRICT

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DELAWARE RIVER, TRENTON, N. J. TO THE SEA
(CONSOLIDATED REPORT)

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC			YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC		
			RAILROAD FREIGHT CARS		AUTOMOBILES ACCOMPANYING PASSENGERS				RAILROAD FREIGHT CARS		AUTOMOBILES ACCOMPANYING PASSENGERS
			EMPTY	LOADED					EMPTY	LOADED	
1977--	133,276,227	1,175,525	1,529	2,513	181,508	1982--	98,283,826	1,425,185	40	118	411,158
1978--	132,438,907	1,282,049	1,616	1,693	214,988	1983--	90,952,672	1,623,464	-----	-----	301,192
1979--	140,463,460	1,443,570	783	938	203,936	1984--	98,183,840	1,506,490	-----	-----	283,830
1980--	119,309,114	1,426,211	393	418	236,261	1985--	100,507,913	1,554,470	-----	-----	308,617
1981--	111,896,194	1,458,789	398	625	254,142	1986--	108,714,523	1,682,260	-----	-----	314,044

FREIGHT TRAFFIC, 1946

OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN				DOMESTIC COASTWISE			
		IMPORTS	EXPORTS	THROUGH		RECEIPTS	SHIPMENTS	THROUGH	
				UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
TOTAL-----	86,293,488	59,980,635	5,757,809	2,759,759	332,340	5,205,072	6,454,482	1,718,433	4,084,958
0103 CORN-----	2	-----	2	-----	-----	-----	-----	-----	-----
0105 RICE-----	274	221	30	-----	-----	-----	-----	23	-----
0111 SOYBEANS-----	45	-----	45	-----	-----	-----	-----	-----	-----
0119 OILSEEDS, NEC-----	1,180	616	564	-----	-----	-----	-----	-----	-----
0121 TOBACCO, LEAF-----	2,590	2,348	84	142	-----	-----	-----	-----	24
0122 HAY AND FODDER-----	104	-----	-----	-----	-----	-----	-----	104	-----
0129 FIELD CROPS, NEC-----	15,225	15,148	10	-----	-----	-----	-----	67	-----
0131 FRESH FRUITS-----	57,849	39,801	1,233	16,324	449	-----	-----	42	-----
0132 BANANAS AND PLANTAINS-----	381,653	58	-----	381,595	-----	-----	-----	-----	-----
0133 COFFEE-----	7,572	6,395	977	-----	-----	-----	-----	200	-----
0134 COCOA BEANS-----	105,652	104,282	386	559	-----	-----	-----	425	-----
0141 FRESH AND FROZEN VEGETABLES-----	4,200	2,937	405	826	-----	-----	-----	29	3
0151 LIVE ANIMALS-----	24	-----	-----	-----	-----	24	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	26,101	20,939	4,987	-----	-----	-----	-----	175	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	254	157	12	-----	-----	60	-----	25	-----
0841 CRUDE RUBBER AND ALLIED GUMS-----	2,002	1,970	32	-----	-----	-----	-----	-----	-----
0861 FOREST PRODUCTS, NEC-----	7,642	4,385	2,713	-----	-----	-----	-----	944	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	19,495	18,311	212	189	-----	-----	-----	783	-----
0912 SHELLFISH, EXCEPT PREPARED-----	2,400	1,416	307	308	-----	-----	-----	369	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	12	12	-----	-----	-----	-----	-----	-----	-----
1011 IRON ORE AND CONCENTRATES-----	3,582,319	3,574,085	234	-----	-----	-----	6,000	-----	-----
1051 ALUMINUM ORES, CONCENTRATES-----	29,663	29,636	27	-----	-----	-----	-----	-----	-----
1061 MANGANESE ORES, CONCENTRATES-----	44	44	-----	-----	-----	-----	-----	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	44,054	32,299	666	11,049	-----	-----	-----	-----	-----
1121 COAL AND LIGNITE-----	5,845,452	-----	3,977,811	-----	37,638	-----	237,299	-----	1,592,704
1311 CRUDE PETROLEUM-----	50,271,992	48,142,716	-----	143,540	-----	1,873,675	77,524	34,528	-----
1411 LIMESTONE-----	45,027	45,027	-----	-----	-----	-----	-----	-----	-----
1412 BUILDING STONE, UNWORKED-----	27	-----	-----	-----	-----	-----	-----	-----	27
1442 SAND, GRAVEL, CRUSHED ROCK-----	30,552	29,703	826	-----	-----	-----	-----	23	-----
1451 CLAY-----	43,102	19,682	9,187	14,273	-----	-----	-----	-----	-----
1471 PHOSPHATE ROCK-----	35	35	-----	-----	-----	-----	-----	-----	-----
1491 SALT-----	190,681	51,266	96	139,273	-----	-----	-----	-----	46
1492 SULPHUR, DRY-----	510	510	-----	-----	-----	-----	-----	-----	-----
1494 GYPSUM, CRUDE AND PLASTERS-----	1,284,650	602,796	10	681,844	-----	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	71,129	22,847	1,212	47,046	-----	-----	-----	24	-----
1911 ORDNANCE AND ACCESSORIES-----	1,049	938	6	105	-----	-----	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	295,180	256,098	14,031	20,524	2,300	784	998	426	19
2012 MEAT AND PRODUCTS, NEC-----	13,727	13,068	269	82	-----	-----	-----	308	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	338	-----	180	-----	-----	-----	158	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	2,971	2,213	744	-----	14	-----	-----	-----	-----
2021 DAIRY PRODUCTS, NEC-----	20,263	19,124	6	-----	-----	1,108	-----	25	-----
2022 DRIED MILK AND CREAM-----	555	313	242	-----	-----	-----	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	14,606	3,041	22	319	-----	79	-----	11,145	-----
2034 VEGETABLES AND PREP, NEC-----	14,873	7,992	429	230	-----	-----	-----	6,073	149
2039 PREP FRUIT AND VEG JUICE, NEC-----	480,329	335,065	2,637	141,562	-----	23	-----	1,042	-----
2041 WHEAT FLOUR AND SEMOLINA-----	14	-----	-----	-----	-----	-----	-----	-----	14
2042 ANIMAL FEEDS-----	38,476	2,121	36,332	-----	-----	-----	-----	23	-----
2049 GRAIN MILL PRODUCTS, NEC-----	2,224	1,519	254	-----	-----	-----	-----	414	37
2061 SUGAR-----	110	-----	-----	-----	-----	-----	-----	-----	110
2062 MOLASSES-----	7,608	7,608	-----	-----	-----	-----	-----	-----	-----
2091 ALCOHOLIC BEVERAGES-----	119,781	114,059	589	-----	-----	106	342	4,685	-----
2091 VEGETABLE OILS, MARG, SHORT-----	6,917	6,267	168	-----	-----	244	154	64	-----
2092 ANIMAL OILS AND FATS, NEC-----	2,127	2,127	-----	-----	-----	-----	-----	-----	-----
2095 ICE-----	7,086	7,086	-----	-----	-----	-----	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	359,097	168,892	1,603	212	318	69,889	108,356	9,183	644
2111 TOBACCO MANUFACTURES-----	5,384	36	221	-----	-----	272	4,729	126	-----
2211 BASIC TEXTILE PRODUCTS-----	13,582	7,290	4,944	772	356	-----	-----	168	52
2212 TEXTILE FIBERS, NEC-----	805	805	-----	-----	-----	-----	-----	-----	-----
2311 APPAREL-----	4,968	863	160	6	-----	1,789	1,692	167	291
2411 LOGS-----	1,317	1,047	270	-----	-----	-----	-----	-----	-----
2413 FUEL WOOD, CHARCOAL, WASTES-----	60	-----	60	-----	-----	-----	-----	-----	-----
2414 TIMBER, POSTS, POLES, PILING-----	106	103	3	-----	-----	-----	-----	-----	-----
2415 PULPWOOD, LOG-----	428	428	-----	-----	-----	-----	-----	-----	-----
2416 WOOD CHIPS, STAVES, MOLDINGS-----	53	53	-----	-----	-----	-----	-----	-----	-----
2421 LUMBER-----	338,546	151,097	4,542	102,725	26	59	-----	13	84
2431 VENEER, PLYWOOD, WORKED WOOD-----	248,107	247,154	207	746	-----	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	10,328	5,251	1,160	2	3,436	121	-----	322	36
2511 FURNITURE AND FIXTURES-----	23,946	17,475	299	44	1	791	3,008	2,219	109
2611 PULP-----	17,555	16,528	976	-----	51	-----	-----	-----	-----
2621 STANDARD NEWSPRINT PAPER-----	136,457	96,844	2,214	37,048	-----	310	-----	21	-----
2631 PAPER AND PAPERBOARD-----	512,597	501,087	7,865	134	40	-----	3,298	951	22

Waterborne Commerce of the United States, 1986

DELAWARE RIVER, TRENTON, N. J., TO THE SEA
(CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

OCEANGOING--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN				DOMESTIC COASTWISE			
		IMPORTS	EXPORTS	THROUGH		RECEIPTS	SHIPMENTS	THROUGH	
				UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
2691 PULP AND PAPER PRODUCTS, NEC--	27,405	1,069	2,116		218	163	19,466	4,330	43
2711 PRINTED MATTER-----	11,120	3,447	1,194		21	24	5,854	580	
2810 SODIUM HYDROXIDE-----	108,661					103,152	5,509		
2811 CRUDE TAR, OIL, GAS PRODUCTS--	66,659	9,136	24,379		28,424		12,520		
2812 DYES, PIGMENT, TANNING MATS--	486		486						
2813 ALCOHOLS-----	96,105	31,099	17,570	4,683		38,589	2,488	1,676	
2816 RADIOACTIVE MATERIALS, WASTES--	2		2						
2817 BENZENE AND TOLUENE-----	217,093	88,479	8	5,457		92,656	7,825		22,668
2818 SULPHURIC ACID-----	49,033					16,900	7,665	24,468	
2819 BASIC CHEMICALS AND PROD., NEC--	757,945	335,301	91,627	14,241	5,711	178,598	122,916	6,974	2,577
2821 PLASTIC MATERIALS-----	63,687	40,432	21,817	8	742		44	477	167
2822 SYNTHETIC RUBBER-----	2,118	138	1,920					27	33
2823 SYNTHETIC (MAN-MADE) FIBERS--	1,397	566	356		475				
2831 DRUGS-----	4,027	2,996	983		1				47
2841 SOAP-----	6,304	2,540	3,186	96	77		46		310
2851 PAINTS-----	28,319	21,240	1,447	5,399			232	1	
2861 GUM AND WOOD CHEMICALS-----	17,867	1,245	335			16,287			
2871 NITROGENOUS CHEM FERTILIZERS--	113,034	61,207		45,627		6,000			
2872 POTASSIC CHEM FERTILIZERS-----	22								
2873 PHOSPHATIC CHEM FERTILIZERS-----	417	417							
2876 INSECTICIDES, DISINFECTANTS-----	3,099	387	1,951		758				3
2879 FERTILIZER AND MATERIALS, NEC--	432	114	165		173				
2891 MISCELLANEOUS CHEMICAL PROD--	151,147	51,973	54,792		1,415	81,974		800	193
2911 GASOLINE-----	4,394,191	372,413	29			595,104	2,006,897	359,881	1,059,867
2912 JET FUEL-----	451,032			30,833		5,702	339,859	5,588	69,050
2913 KEROSENE-----	198,015					75,030	98,794	5,325	19,066
2914 DISTILLATE FUEL OIL-----	2,570,164	267,074	28,378			597,581	1,246,373	47,126	383,682
2915 RESIDUAL FUEL OIL-----	5,339,068	2,126,519	59,758	357,724	36,573	847,263	1,430,510	116,339	360,362
2916 LUBRICATING OILS AND GREASER--	920,625	61,109	238,463		12,717	375,964	174,441	57,931	
2917 NAPHTHA, PETROLEUM SOLVENTS--	272,236	1,020	2,390	27,377	22	224,730		5,625	11,072
2918 ASPHALT, TARS, AND BITUMENS--	1,247,166	61,482	17,954				239,666	491,902	436,222
2920 COKE, PETROLEUM COKE-----	310,234	118	190,253		119,863				
2921 LIQUEFIED GASES-----	273,473	234,466	244	38,039	724				
2951 ASPHALT BUILDING MATERIALS-----	140		140						
2991 PETROLEUM AND COAL PROD., NEC--	62,940	11,840	4,937			2,689	42,743	711	
3011 RUBBER AND MISC PLASTIC PROD--	31,626	9,460	3,970	29	56	903	12,223	4,872	113
3111 LEATHER AND LEATHER PRODUCTS--	9,911	1,458	350			5,348	2,485	270	
3211 GLASS AND GLASS PRODUCTS-----	41,020	13,746	12,974				13,665	488	107
3241 BUILDING CEMENT-----	612,686	117,635	98					382,033	112,920
3251 STRUCTURAL CLAY PRODUCTS-----	16,217	8,704	4,190				660	1,886	777
3271 LIME-----	8		8						
3281 CUT STONE AND STONE PRODUCTS--	3,557	1,935	186					1,436	
3291 MISC NONMETALLIC MINERAL PROD--	15,118	10,494	3,379		3	990		252	
3311 PIG IRON-----	11,429	11,428						1	
3314 IRON AND STEEL PRIMARY FORMS--	114,310	99,632	8	14,670					
3315 IRON, STEEL SHAPES, EXC SHEET--	929,169	740,083	624	186,202	5			2,216	39
3316 IRON AND STEEL PLATES, SHEETS--	28,096	1,095	25,184	1,817					
3317 IRON AND STEEL PIPE AND TUBE--	128,395	116,024	203	11,732			104	324	6
3318 FERROALLOYS-----	27,598	25,991	743					884	20
3319 IRON AND STEEL PRODUCTS, NEC--	48,903	12,060	2,878	13		129	33,823		
3321 NONFERROUS METALS, NEC-----	11,605	10,950	641	7	5			2	
3322 COPPER ALLOYS, UNWORKED-----	8,386	7,350	480	122				434	
3323 LEAD AND ZINC, UNWORKED-----	22,260	21,522	320	418					
3324 ALUMINUM AND ALLOYS, UNWORKED--	83,980	46,171	231	36,525	21	40		932	60
3411 FABRICATED METAL PRODUCTS-----	85,896	53,864	3,149	3,996	150	2,102	7,227	14,223	1,185
3511 MACHINERY, EXCEPT ELECTRICAL--	163,998	92,188	12,975	30,526	650	1,037	21,002	5,506	114
3611 ELECTRICAL MACH AND EQUIP-----	36,950	14,229	6,171	2	58	3,397	7,768	5,188	137
3711 MOTOR VEHICLES, PARTS, EQUIP--	161,467	17,312	5,510	104,984	32,874			603	184
3721 AIRCRAFT AND PARTS-----	272	139	76		30			27	
3731 SHIPS AND BOATS-----	1,596	1,430	55	71	4			36	
3791 MISC TRANSPORTATION EQUIPMENT--	4,551	3,725	677		149				
3811 INSTR, TIME, PHOTO, OPT GOODS--	3,701	1,633	1,400		1	153		497	17
3911 MISC MANUFACTURED PRODUCTS-----	10,712	5,900	677	6	9	715	52	3,301	52
4011 IRON AND STEEL SCRAP-----	791,992	5,099	734,108	4	52,103		678		
4012 NONFERROUS METAL SCRAP-----	40,492	15,075	13,815	11,542					60
4022 TEXTILE WASTE, SCRAP, SWEEP-----	2,606	412	1,424		770				
4024 PAPER WASTE AND SCRAP-----	24,907		24,907						
4029 WASTE AND SCRAP, NEC-----	8,045					2,863	5,182		
4112 COMMODITIES, NEC-----	270,825	6,352	2,490	5,861	690	19,635	140,267	86,125	9,405
9999 DEPARTMENT OF DEFENSE AND SCI--	230		211		19				

TON-MILES, OCEANGOING, 7,453,172,346.

INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	INBOUND		OUTBOUND		UPBOUND	DOWNBOUND	THROUGH	
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
TOTAL-----	22,421,035	1,975,560	850,226	1,570,127	2,935,001	12,381,992	1,459,066	452,054	797,015
0911 FRESH FISH, EXCEPT SHELLFISH--	803			53				750	
0912 SHELLFISH, EXCEPT PREPARED-----	4,173	330	66	3,560	179	24	14		
0931 MARINE SHELLS, UNMANUFACTURED-----	5,495		2,875						2,620
1091 NONFERROUS ORES, CONCENT, NEC--	4,128								4,128
1121 COAL AND LIGNITE-----	781,154	781,154							
1311 CRUDE PETROLEUM-----	9,695,040	2,523				9,635,896	56,621		
1442 SAND, GRAVEL, CRUSHED ROCK-----	268,612	128,509						140,103	

PHILADELPHIA, PA, DISTRICT

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DELAWARE RIVER, TRENTON, N. J. TO THE SEA
(CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

INTERNAL--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	INBOUND		OUTBOUND		THROUGH	
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND
2631 PAPER AND PAPERBOARD-----	14,985	-----	-----	-----	-----	-----	-----
2610 SODIUM HYDROXIDE-----	31,000	-----	-----	15,368	15,632	-----	-----
2613 ALCOHOLS-----	3,720	-----	-----	1,400	2,320	-----	-----
2617 BENZENE AND TOLUENE-----	129,619	1,840	33,830	30,385	23,920	15,385	1,840
2618 SULPHURIC ACID-----	292,103	-----	-----	6,480	158,058	106,260	21,305
2619 BASIC CHEMICALS AND PROD, NEC--	634,687	205,787	2,445	228,727	191,738	5,990	-----
2911 GASOLINE-----	1,846,735	29,468	78,893	57,287	730,058	675,633	178,263
2912 JET FUEL-----	443,560	68,684	4,235	2,136	760,135	97,097	1,001
2913 KEROSENE-----	108,129	11,106	11,761	11,750	59,804	4,909	2,164
2914 DISTILLATE FUEL OIL-----	1,974,681	220,947	42,303	371,302	302,266	775,919	46,405
2915 RESIDUAL FUEL OIL-----	5,312,507	407,469	673,818	1,074,545	766,609	838,579	1,118,389
2916 LUBRICATING OILS AND GREASES-----	35,192	-----	-----	10,829	16,296	4,055	2,135
2917 NAPHTHA, PETROLEUM SOLVENTS-----	14,103	-----	-----	-----	-----	12,699	1,204
2918 ASPHALT, TAR, AND PITCHES-----	522,472	114,432	-----	-----	168,726	-----	-----
2920 COKE, PETROLEUM COKE-----	14,934	-----	-----	-----	8,481	-----	-----
2991 PETROLEUM AND COAL PROD, NEC--	58,884	-----	-----	41,512	-----	8,233	7,333
3312 SLAG-----	3,024	-----	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	46,444	-----	-----	-----	-----	31,695	14,749
3317 IRON AND STEEL PIPE AND TUBE-----	600	-----	-----	600	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	100	-----	-----	100	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	877	50	-----	400	427	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	1,296	-----	-----	1,296	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	156,139	-----	-----	140,409	15	-----	15,715
4111 WATER-----	1,436	-----	-----	-----	175	1,261	-----
4112 COMMODITIES, NEC-----	14,403	3,261	-----	9,710	742	690	-----

TON-MILES, INTERNAL, 876,674,069.

TONS, ALL TRAFFIC, 108,714,523.

TON-MILES, ALL TRAFFIC, 8,329,846,415.

DELAWARE RIVER BETWEEN PHILADELPHIA, PA., AND TRENTON, N. J.

SECTION INCLUDED: ALLEGHENY AVE., PHILADELPHIA, PA., TO TRENTON, N. J. 30.5 MILES AND AN AUXILIARY CHANNEL EAST OF BURLINGTON ISLAND EXTENDING FROM THE MAIN CHANNEL TO THE UPPER END OF UNITED STATES PIPE & FOUNDRY CO. AT EAST BURLINGTON, 1.4 MILES. CONTROLLING DEPTH IN MIDDLE HALF OF CHANNEL TO U. S. STEEL CO. JULY 1986, 40.3 FEET, 23.5 MILES; TO THE UPPER END OF NEWBOLD ISLAND IN JULY 1986, 15.8 FEET, 0.5 MILES; IN MAY 1986, 11.8 FEET TO TRENTON MARINE TERMINAL, 5.2 MILES; AND IN MAY 1986, 11.0 FEET TO THE PENNSYLVANIA RAILROAD BRIDGE AT TRENTON 1.3 MILES. AUXILIARY CHANNEL BURLINGTON ISLAND IN JANUARY 1985, 8.2 FEET. PROJECT DEPTH: 40 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	13,564,671	1	1982-----	7,911,578	-----
1978-----	12,158,803	4	1983-----	9,001,637	-----
1979-----	12,388,191	-----	1984-----	10,106,738	-----
1980-----	10,364,210	-----	1985-----	8,615,575	-----
1981-----	11,438,016	16	1986-----	8,209,711	-----

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC			
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INBOUND	OUTBOUND	UPBOUND	DOWNBOUND
TOTAL-----	8,209,711	3,501,646	166,829	1,046,280	525,009	1,909,223	892,469	164,743	3,512
0105 RICE-----	22	22	-----	-----	-----	-----	-----	-----	-----
0119 OILSEEDS, NEC-----	22	22	-----	-----	-----	-----	-----	-----	-----
0121 TOBACCO, LEAF-----	488	445	43	-----	-----	-----	-----	-----	-----
0131 FRESH FRUITS-----	19,039	18,948	91	-----	-----	-----	-----	-----	-----
0132 BANANAS AND PLANTAINS-----	46	46	-----	-----	-----	-----	-----	-----	-----
0133 COFFEE-----	4,190	3,658	532	-----	-----	-----	-----	-----	-----
0134 COCOA BEANS-----	49,740	49,678	62	-----	-----	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	1,408	1,403	5	-----	-----	-----	-----	-----	-----
0151 LIVE ANIMALS-----	24	-----	24	-----	-----	-----	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	1,178	498	680	-----	-----	-----	-----	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	84	24	-----	60	-----	-----	-----	-----	-----
0841 CRUDE RUBBER AND ALLIED GUMS-----	22	-----	22	-----	-----	-----	-----	-----	-----
0861 FOREST PRODUCTS, NEC-----	771	760	11	-----	-----	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	2,479	2,479	-----	-----	-----	-----	-----	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	510	510	-----	-----	-----	-----	-----	-----	-----
1011 IRON ORE AND CONCENTRATES-----	1,761,701	1,761,570	131	-----	-----	-----	-----	-----	-----
1051 ALUMINUM ORES, CONCENTRATES-----	95	95	-----	-----	-----	-----	-----	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC--	303	270	33	-----	-----	-----	-----	-----	-----
1121 COAL AND LIGNITE-----	781,277	-----	123	-----	-----	781,154	-----	-----	-----
1311 CRUDE PETROLEUM-----	217,259	203,002	10,111	-----	-----	2,523	1,623	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	3,162	259	-----	-----	-----	-----	-----	-----	-----
1451 CLAY-----	33	-----	33	-----	-----	-----	-----	-----	-----
1491 SALT-----	19,489	19,393	96	-----	-----	-----	-----	-----	-----
1492 SULPHUR, DRY-----	64	64	-----	-----	-----	-----	-----	-----	-----
1494 GYPSUM, CRUDE AND PLASTERS-----	369,007	369,007	-----	-----	-----	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	6,384	6,321	63	-----	-----	-----	-----	-----	-----
1911 ORDNANCE AND ACCESSORIES-----	293	289	4	-----	-----	-----	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN---	2,633	558	293	784	998	-----	-----	-----	-----

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC			
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INBOUND	OUTBOUND	UPBOUND	DOWNBOUND
2012 MEAT AND PRODUCTS, NEC-----	10,398	10,365	33	-----	-----	-----	-----	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS--	181	-----	23	-----	158	-----	-----	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	199	-----	199	-----	-----	-----	-----	-----	-----
2021 DAIRY PRODUCTS, NEC-----	1,108	-----	-----	1,108	-----	-----	-----	-----	-----
2022 DRIED MILK AND CREAM-----	109	-----	100	-----	-----	-----	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED--	2,018	1,939	79	-----	-----	-----	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	1,021	1,006	15	-----	-----	-----	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC--	130,685	130,681	21	23	-----	-----	-----	-----	-----
2042 ANIMAL FEEDS-----	187	84	103	-----	-----	-----	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	274	130	144	-----	-----	-----	-----	-----	-----
2081 ALCOHOLIC BEVERAGES-----	17,158	16,707	3	106	342	-----	-----	-----	-----
2091 VEGETABLE OILS, MARG, SHORT-----	2,831	2,413	-----	264	150	-----	-----	-----	-----
2092 ANIMAL OILS AND FATS, NEC-----	40	40	-----	-----	-----	-----	-----	-----	-----
2095 ICE-----	6,297	6,297	-----	-----	-----	-----	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	276,356	97,869	242	69,889	108,356	-----	-----	-----	-----
2111 TOBACCO MANUFACTURES-----	5,007	-----	6	272	4,729	-----	-----	-----	-----
2112 BASIC TEXTILE PRODUCTS-----	1,844	1,645	199	-----	-----	-----	-----	-----	-----
2111 APPAREL-----	3,589	101	-----	1,789	1,692	-----	-----	-----	-----
2111 LOGS-----	159	126	33	-----	-----	-----	-----	-----	-----
2421 LUMBER-----	3,693	3,189	445	59	-----	-----	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD--	4,058	4,047	11	-----	-----	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	649	453	75	121	-----	-----	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	8,991	5,151	41	791	3,008	-----	-----	-----	-----
2621 STANDARD NEWSPRINT PAPER-----	591	281	-----	310	-----	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	29,458	25,641	519	-----	3,798	-----	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC--	20,059	406	24	143	19,466	-----	-----	-----	-----
2711 PRINTED MATTER-----	6,974	986	110	24	5,854	-----	-----	-----	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS--	368	368	-----	-----	-----	-----	-----	-----	-----
2812 DYES, PIGMENT, TANNING MATS-----	184	-----	184	-----	-----	-----	-----	-----	-----
2813 ALCOHOLS-----	26,901	1,558	16,267	8,900	176	-----	-----	-----	-----
2816 RADIOACTIVE MATERIALS, WASTES--	2	-----	2	-----	-----	-----	-----	-----	-----
2817 BENZENE AND TOLUENE-----	72,175	37,753	-----	6,000	-----	-----	28,427	-----	-----
2818 SULPHURIC ACID-----	1,200	-----	-----	-----	-----	-----	1,200	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC--	936,803	108,857	27,564	61,894	113,791	255,985	228,727	141,473	3,512
2821 PLASTIC MATERIALS-----	8,539	5,874	2,621	-----	44	-----	-----	-----	-----
2822 SYNTHETIC RUBBER-----	270	-----	269	-----	-----	-----	-----	-----	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	95	77	18	-----	-----	-----	-----	-----	-----
2831 DRUGS-----	114	2	112	-----	-----	-----	-----	-----	-----
2841 SOAP-----	563	130	387	-----	46	-----	-----	-----	-----
2851 PAINTS-----	1,729	1,395	102	-----	232	-----	-----	-----	-----
2861 GUM AND WOOD CHEMICALS-----	1,013	986	27	-----	-----	-----	-----	-----	-----
2871 NITROGENOUS LIQ FERTILIZERS-----	9,919	3,919	-----	6,000	-----	-----	-----	-----	-----
2876 INSECTICIDES, DISINFECTANTS-----	130	-----	130	-----	-----	-----	-----	-----	-----
2879 FERTILIZER AND MATERIALS, NEC--	40	40	-----	-----	-----	-----	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	7,328	4,125	3,182	21	-----	-----	-----	-----	-----
2911 GASOLINE-----	267,540	-----	4	169,739	3,519	14,287	80,191	-----	-----
2912 JET FUEL-----	146,935	-----	-----	5,702	-----	180,232	1,001	-----	-----
2913 KEROSENE-----	70,306	-----	-----	46,127	-----	7,299	13,995	2,885	-----
2914 DISTILLATE FUEL OIL-----	867,666	85,034	-----	223,555	-----	504,427	51,514	3,136	-----
2915 RESIDUAL FUEL OIL AND GREASES--	1,332,057	256,376	59,758	342,486	11,345	202,983	441,860	17,249	-----
2916 LUBRICATING OILS AND GREASES--	30,008	16,980	9,812	3,103	-----	113	-----	-----	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	49,556	-----	42	49,514	-----	-----	-----	-----	-----
2951 ASPHALT BUILDING MATERIALS-----	5	-----	-----	-----	-----	-----	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC--	53,291	5,463	27	-----	3,665	-----	43,936	-----	-----
3011 RUBBER AND MISC PLASTIC PROD--	15,926	2,729	71	903	12,223	-----	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS--	8,438	580	25	5,348	2,485	-----	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	14,430	584	181	-----	13,665	-----	-----	-----	-----
3241 BUILDING CEMENT-----	16	-----	16	-----	-----	-----	-----	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	8,487	4,836	991	-----	660	-----	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS--	1,544	1,544	-----	-----	-----	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD--	8,265	7,220	55	990	-----	-----	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	252	244	8	-----	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	95,654	95,648	6	-----	-----	-----	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	23,703	-----	23,703	-----	-----	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	15,035	14,868	65	-----	104	-----	-----	-----	-----
3318 FERROALLOYS-----	23,548	23,522	26	-----	-----	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC--	37,221	1,108	-----	129	33,823	-----	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	1,133	944	69	-----	-----	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	880	850	30	-----	-----	-----	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	6,881	6,880	1	-----	-----	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED--	16,407	16,302	65	40	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	15,948	6,170	449	2,102	7,227	-----	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL--	55,986	26,778	7,219	987	21,002	-----	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	16,198	2,999	2,034	3,397	7,768	-----	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	2,075	1,145	930	-----	-----	-----	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	1	-----	1	-----	-----	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	8	8	-----	-----	-----	-----	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT--	347	201	146	-----	-----	-----	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	440	202	85	153	-----	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	3,706	2,916	23	713	52	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	5,141	-----	4,463	-----	678	-----	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	3,186	2,462	724	-----	-----	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	538	362	176	-----	-----	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	2,085	-----	2,085	-----	-----	-----	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	7,045	-----	-----	2,863	4,182	-----	-----	-----	-----
4111 WATER-----	175	-----	-----	-----	-----	-----	175	-----	-----
4112 COMMODITIES, NEC-----	160,697	268	482	19,635	140,267	45	-----	-----	-----
9999 DEPARTMENT OF DEFENSE AND SCI--	44	-----	44	-----	-----	-----	-----	-----	-----
TOTAL TON-MILES,-----	118,677,006	-----	-----	-----	-----	-----	-----	-----	-----

PHILADELPHIA, PA, DISTRICT

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DELAWARE RIVER, PHILADELPHIA, PA., TO THE SEA

SECTION INCLUDED: DEEPWATER IN DELAWARE BAY TO ALLEGHENY AVE., PHILADELPHIA, PA., 96.5 MILES. CONTROLLING DEPTH IN MIDDLE HALF OF CHANNEL: IN JULY 1986, 39.6 FEET TO THE PHILADELPHIA NAVAL BASE, 88 MILES; THENCE IN JUNE 1986, 34.1 FEET IN MIDDLE HALF OF THE WEST SIDE OF THE CHANNEL AND IN JUNE 1986, 40.5 FEET IN MIDDLE HALF OF THE EAST SIDE OF THE CHANNEL THROUGH PHILADELPHIA HARBOR, 8.5 MILES. PROJECT DEPTH: 40 FEET FROM THE SEA TO PHILADELPHIA NAVAL BASE, THENCE 40 FEET DEEP ON THE WEST SIDE AND 37 FEET DEEP ON THE EAST SIDE OF THE CHANNEL TO ALLEGHENY AVE., ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	THROUGH TRAFFIC (TONS)	ADDITIONAL TRAFFIC		AUTOMOBILES ACCOMPANYING PASSENGERS
				RAILROAD FREIGHT CARS	EMPTY	
1977	111,434,533	1,175,918	20,593,313	1,529	2,513	181,505
1978	110,768,375	1,282,049	21,118,441	1,616	1,693	214,984
1979	119,205,156	1,443,570	21,069,084	783	934	203,936
1980	98,205,452	1,426,211	20,792,043	393	414	236,261
1981	92,019,548	1,458,789	19,586,983	394	625	254,142
1982	81,618,750	1,425,185	16,561,708	40	118	411,158
1983	70,498,614	1,423,464	16,267,764			301,192
1984	79,419,505	1,506,520	18,221,774			281,853
1985	83,689,445	1,554,470	16,619,439			304,417
1986	91,330,841	1,682,260	17,209,606			314,040

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
TOTAL-----	91,330,841	56,478,989	5,590,980	4,158,792	5,929,473	1,487,151	4,543,247	12,702,209
0103 CORN-----	2		2					
0105 RICE-----	229	199	30					
0111 SOYBEANS-----	45		45					
0119 OILSEEDS, NEC-----	1,158	594	564					
0121 TOBACCO, LEAF-----	1,944	1,903	41					
0129 FIELD CROPS, NEC-----	15,158	15,148	10					
0131 FRESH FRUITS-----	21,995	20,853	1,142					
0132 BANANAS AND PLANTAINS-----	12	12						
0133 COFFEE-----	3,182	2,737	445					
0134 COCOA BEANS-----	54,924	54,604	320					
0141 FRESH AND FROZEN VEGETABLES-----	1,934	1,534	400					
0161 ANIMALS AND PRODUCTS, NEC-----	24,748	20,441	4,307					
0191 MISCELLANEOUS FARM PRODUCTS-----	145	133	12					
0841 CRUDE RUBBER AND ALLIED GUMS-----	1,980	1,970	10					
0861 FOREST PRODUCTS, NEC-----	5,887	3,625	2,262					
0911 FRESH FISH, EXCEPT SHELLFISH-----	16,097	15,832	212					53
0912 SHELLFISH, EXCEPT PREPARED-----	5,366	906	307					3,739
0931 MARINE SHELLS, UNMANUFACTURED-----	2,887	12				2,875		
1011 IRON ORE AND CONCENTRATES-----	1,820,618	1,812,515	103		8,000			
1051 ALUMINUM ORES, CONCENTRATES-----	29,568	29,541	27					
1061 MANGANESE ORES, CONCENTRATES-----	44		44					
1091 NONFERROUS ORES, CONCENT, NEC-----	32,662	32,029	633					
1121 COAL AND LIGNITE-----	4,214,987		3,977,088		237,299			
1311 CRUDE PETROLEUM-----	59,573,319	47,939,714		1,463,564	77,524	1,623		9,690,894
1411 LIMESTONE-----	45,027		45,027					
1442 SAND, GRAVEL, CRUSHED ROCK-----	155,876	26,800	567			128,509		
1451 CLAY-----	28,796	19,682	9,114					
1471 PHOSPHATE ROCK-----	35		35					
1491 SALT-----	31,873	31,873						
1492 SULPHUR, DRY-----	446		446					
1496 GYPSUM, CRUDE AND PLASTERS-----	233,799	233,789	10					
1499 NONMETALLIC MINERALS, NEC-----	17,675	16,526	1,149					
1911 ORNANCE AND ACCESSORIES-----	651	649	2					
2011 MEAT, FRESH, CHILLED, FROZEN-----	269,278	255,540	13,738					
2012 MEAT AND PRODUCTS, NEC-----	2,939	2,703	236					
2014 TALLOW, ANIMAL FATS AND OILS-----	157		157					
2015 ANIMAL BY-PRODUCTS, NEC-----	2,758	2,213	545					
2021 DAIRY PRODUCTS, NEC-----	19,130	19,124	6					
2022 DRIED MILK AND CREAM-----	455	313	142					
2031 FISH AND SHELLFISH, PREPARED-----	1,124	1,102	22					
2034 VEGETABLES AND PREP, NEC-----	7,400	6,986	414					
2039 PREP FRUIT AND VEG JUICE, NEC-----	207,040	204,424	2,616					
2042 ANIMAL FEEDS-----	38,266	2,077	36,189					
2049 GRAIN MILL PRODUCTS, NEC-----	1,499	1,389	110					
2062 MOLASSES-----	7,608	7,608						
2081 ALCOHOLIC BEVERAGES-----	97,938	97,352	586					
2091 VEGETABLE OILS, MARG, SHORT-----	4,022	3,854	168					
2092 ANIMAL OILS AND FATS, NEC-----	2,087	2,087						
2095 ICE-----	789	789						
2099 MISCELLANEOUS FOOD PRODUCTS-----	72,384	71,023	1,361					
2111 TOBACCO MANUFACTURES-----	253	38	215					
2211 BASIC TEXTILE PRODUCTS-----	10,390	5,645	4,745					
2212 TEXTILE FIBERS, NEC-----	805	805						
2311 APPAREL-----	915	762	153					
2411 LOGS-----	1,158	921	237					
2413 FUEL WOOD, CHARCOAL, WASTES-----	60		60					
2414 TIMBER, POSTS, POLES, PILING-----	106	103	3					
2415 PULPHOOD, LOG-----	428	428						
2416 WOOD CHIPS, STAVES, MOLDINGS-----	53	53						
2421 LUMBER-----	152,005	147,908	4,097					
2431 VENEER, PLYWOOD, WORKED WOOD-----	243,303	243,107	196					
2491 WOOD MANUFACTURES, NEC-----	5,883	4,798	1,085					
2511 FURNITURE AND FIXTURES-----	12,582	12,324	258					
2611 PULP-----	17,504	16,528	976					
2621 STANDARD NEWSPRINT PAPER-----	98,777	96,563	2,214					

Waterborne Commerce of the United States, 1986

DELAWARE RIVER, PHILADELPHIA, PA., TO THE SEA--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	COASTWISE SHIPMENTS	INTERNAL RECEIPTS	INTERNAL SHIPMENTS	
2631 PAPER AND PAPERBOARD-----	481,992	475,446	6,546	-----	-----	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	2,755	663	2,092	-----	-----	-----	-----	-----
2711 PRINTED MATTER-----	3,545	2,461	1,084	-----	-----	-----	-----	-----
2810 SODIUM HYDROXIDE-----	139,661	-----	-----	103,152	5,509	-----	15,360	15,632
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	45,667	4,708	24,379	-----	12,520	-----	-----	-----
2812 DYES, PIGMENT, TANNING MATS-----	302	-----	302	-----	-----	-----	-----	-----
2813 ALCOHOLS-----	66,565	29,541	1,303	29,689	2,312	-----	3,720	-----
2817 BENZENE AND TOLUENE-----	250,914	50,724	0	86,656	7,825	42,012	32,225	31,467
2818 SULPHURIC ACID-----	315,468	-----	-----	16,900	7,665	-----	163,338	127,565
2819 BASIC CHEMICALS AND PROD, NEC-----	476,524	226,444	69,063	116,704	9,125	2,445	50,198	2,545
2821 PLASTIC MATERIALS-----	53,754	34,558	19,196	-----	-----	-----	-----	-----
2822 SYNTHETIC RUBBER-----	1,748	137	1,651	-----	-----	-----	-----	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	827	489	338	-----	-----	-----	-----	-----
2831 DRUGS-----	3,665	2,994	671	-----	-----	-----	-----	-----
2841 SOAP-----	5,249	2,450	2,799	-----	-----	-----	-----	-----
2851 PAINTS-----	21,190	19,845	1,345	-----	-----	-----	-----	-----
2861 GUM AND GUMM CHEMICALS-----	16,854	259	308	16,287	-----	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	57,288	57,288	-----	-----	-----	-----	-----	-----
2872 POTASSIC CHEM FERTILIZERS-----	22	22	-----	-----	-----	-----	-----	-----
2873 PHOSPHATIC CHEM FERTILIZERS-----	417	417	-----	-----	-----	-----	-----	-----
2876 INSECTICIDES, DISINFECTANTS-----	2,208	387	1,821	-----	-----	-----	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	219	114	105	-----	-----	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	141,411	47,848	51,610	41,953	-----	-----	-----	-----
2911 GASOLINE-----	4,521,044	372,413	25	425,365	2,003,578	158,633	771,715	789,337
2912 JET FUEL-----	717,296	-----	-----	-----	339,859	18,069	346,652	12,716
2913 KEROSENE-----	207,036	-----	-----	-----	98,798	17,592	59,583	2,164
2914 DISTILLATE FUEL OIL-----	3,333,986	181,990	28,378	374,024	1,246,373	61,977	925,298	516,034
2915 RESIDUAL FUEL OIL-----	8,466,930	1,872,143	-----	508,777	1,419,165	1,331,832	1,852,622	1,486,191
2916 LUBRICATING OILS AND GREASES-----	853,197	44,129	228,451	372,861	174,841	-----	27,238	6,077
2917 NAPHTHA, PETROLEUM SOLVENTS-----	192,687	1,020	2,348	175,216	-----	-----	-----	14,103
2918 ASPHALT, TAR, AND BITUMENS-----	602,200	61,482	17,954	-----	239,406	114,432	168,726	-----
2920 COKE, PETROLEUM COKE-----	198,852	118	190,253	-----	-----	-----	8,481	-----
2921 LIQUEFIED GASES-----	238,710	234,466	204	-----	-----	-----	-----	-----
2951 ASPHALT BUILDING MATERIALS-----	135	-----	135	-----	-----	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	62,148	6,417	4,910	2,689	38,878	3,445	1,021	4,788
3011 RUBBER AND MISC PLASTIC PROD-----	10,630	6,731	3,899	-----	-----	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	1,203	874	325	-----	-----	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	25,995	13,202	12,793	-----	-----	-----	-----	-----
3241 BUILDING CEMENT-----	117,717	117,635	82	-----	-----	-----	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	7,067	3,868	3,199	-----	-----	-----	-----	-----
3271 LIME-----	8	-----	8	-----	-----	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	577	391	186	-----	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	6,598	3,274	3,324	-----	-----	-----	-----	-----
3311 PIG IRON-----	11,428	11,428	-----	-----	-----	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	99,368	99,368	-----	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	645,053	644,435	618	-----	-----	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	2,576	1,095	1,481	-----	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	101,894	101,156	138	-----	-----	-----	600	-----
3318 FERROALLOYS-----	3,186	2,469	717	-----	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	11,669	10,952	717	-----	-----	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	10,578	10,006	572	-----	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	6,950	6,500	450	-----	-----	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	14,961	14,642	319	-----	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	30,035	29,869	166	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	50,494	47,694	2,700	-----	-----	-----	100	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	72,093	65,410	5,756	50	-----	50	827	-----
3611 ELECTRICAL MACH AND EQUIP-----	16,663	11,230	4,137	-----	-----	-----	1,296	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	20,747	16,167	4,580	-----	-----	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	214	139	75	-----	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	1,477	1,422	55	-----	-----	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	4,055	3,524	531	-----	-----	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	2,746	1,431	1,315	-----	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	3,638	2,984	654	-----	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	734,744	5,099	729,645	-----	-----	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	25,704	12,613	13,091	-----	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, WHEEP-----	1,298	50	1,248	-----	-----	-----	-----	-----
4028 PAPER WASTE AND SCRAP-----	22,822	-----	22,822	-----	-----	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	141,424	-----	-----	-----	1,008	-----	140,409	15
4111 WATER-----	1,436	-----	-----	-----	-----	-----	-----	1,261
4112 COMMODITIES, NEC-----	22,495	6,084	2,008	-----	-----	3,261	9,755	1,387
9999 DEPARTMENT OF DEFENSE AND SCI-----	167	-----	167	-----	-----	-----	-----	-----
TOTAL TON-MILES, 8,211,169,409.								

DELAWARE RIVER AT CAMDEN, N. J.
(INCLUDED IN DELAWARE RIVER, PHILADELPHIA, PA., TO THE SEA)

SECTION INCLUDED: NEWTON CREEK, N. J., TO COOPER POINT, N. J., 4 MILES, CONTROLLING DEPTHS: JUNE 1986, 31.2 FEET FROM NEWTON CREEK TO BARKLEY ST. AND THENCE IN JUNE 1986, 25.9 FEET TO COOPER POINT. PROJECT DEPTHS: 18 FEET, 30 FEET AND 37 FEET AT MEAN LOW WATER (37 FEET DEFERRED FOR RE-STUDY).

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	2,538,451	309	1982-----	2,644,850	-----
1978-----	2,622,375	147	1983-----	2,940,124	-----
1979-----	2,867,060	-----	1984-----	3,395,011	-----
1980-----	3,092,485	-----	1985-----	4,572,983	-----
1981-----	3,392,803	-----	1986-----	3,691,054	-----

PHILADELPHIA, PA, DISTRICT

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DELAWARE RIVER AT CAMDEN, N. J.
(INCLUDED IN DELAWARE RIVER, PHILADELPHIA, PA., TO THE SEA)--CONTINUED

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	3,691,054	1,745,130	1,156,402	43,181	21,181	464,061	257,459	3,640
0105 RICE-----	50	21	29					
0111 SOYBEANS-----	45		45					
0119 OILSEEDS, NEC-----	394	394						
0121 TOBACCO, LEAF-----	191	179	12					
0129 FIELD CROPS, NEC-----	14,951	14,950	1					
0131 FRESH FRUITS-----	11,722	11,049	673					
0133 COFFEE-----	634	634						
0134 COCOA BEANS-----	1,676	1,577	104					
0141 FRESH AND FROZEN VEGETABLES-----	1,535	1,262	273					
0161 ANIMALS AND PRODUCTS, NEC-----	16,224	15,376	848					
2191 MISCELLANEOUS FARM PRODUCTS-----	15	15						
2841 CRUDE RUBBER AND ALLIED GUMS-----	136	127	9					
0861 FOREST PRODUCTS, NEC-----	356	205	151					
0911 FRESH FISH, EXCEPT SHELLFISH-----	12,510	12,397	113					
0912 SHELLFISH, EXCEPT PREPARED-----	865	700	165					
1011 IRON ORE AND CONCENTRATES-----	55,093	47,048	35		8,000			
1051 ALUMINUM ORES, CONCENTRATES-----	6,160	6,133	27					
1091 NONFERROUS ORES, CONCENT, NEC-----	24,740	24,755	25					
1121 COAL AND LIGNITE-----	236,712		236,712					
1442 SAND, GRAVEL, CRUSHED ROCK-----		8,247	46					
1451 CLAY-----	1,243	1,194	49					
1471 PHOSPHATE ROCK-----	35		35					
1491 SALT-----	30,263	30,263						
1492 SULPHUR, DRY-----	22		22					
1494 GYPSUM, CRUDE AND PLASTERS-----	187,102	187,102						
1499 NONMETALLIC MINERALS, NEC-----	16,353	15,690	663					
1911 ORDONANCE AND ACCESSORIES-----	558	557	1					
2011 MEAT, FRESH, CHILLED, FROZEN-----	253,961	241,680	12,281					
2012 MEAT AND PRODUCTS, NEC-----	1,610	1,594	16					
2014 TALLOW, ANIMAL FATS AND OILS-----	22		22					
2015 ANIMAL BY-PRODUCTS, NEC-----	2,423	2,036	387					
2021 DAIRY PRODUCTS, NEC-----	17,140	17,135	5					
2022 DRIED MILK AND CREAM-----	294	294						
2031 FISH AND SHELLFISH, PREPARED-----	200	200						
2034 VEGETABLES AND PREP, NEC-----	814	696	118					
2039 PREP FRUIT AND VEG JUICE, NEC-----	56,387	56,240	147					
2042 ANIMAL FEEDS-----	36,223	1,696	34,527					
2049 GRAIN MILL PRODUCTS, NEC-----	150	62	88					
2081 ALCOHOLIC BEVERAGES-----	9,171	8,968	203					
2091 VEGETABLE OILS, MARG, SHORT-----	560	457	103					
2092 ANIMAL OILS AND FATS, NEC-----	2,050	2,050						
2095 ICE-----	623	623						
2099 MISCELLANEOUS FOOD PRODUCTS-----	9,023	8,614	409					
2111 TOBACCO MANUFACTURES-----	126		126					
2211 BASIC TEXTILE PRODUCTS-----	1,837	881	956					
2212 TEXTILE FIBERS, NEC-----	97	97						
2311 APPAREL-----	111	7	104					
2411 LOGS-----	461	397	64					
2414 TIMBER, POSTS, POLES, PILING-----	103	103						
2415 PULPHOOD, LOG-----	428	428						
2421 LUMBER-----	144,725	144,605	120					
2431 VENEER, PLYWOOD, WORKED WOOD-----	226,122	226,122						
2491 WOOD MANUFACTURES, NEC-----	4,057	4,037	20					
2511 FURNITURE AND FIXTURES-----	780	678	102					
2611 PULP-----	6,587	6,005	582					
2621 STANDARD NEWSPRINT PAPER-----	693	693						
2631 PAPER AND PAPERBOARD-----	41,163	36,217	4,946					
2691 PULP AND PAPER PRODUCTS, NEC-----	1,017	133	884					
2711 PRINTED MATTER-----	942	109	833					
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	1		1					
2812 DYES, PIGMENT, TANNING MATS-----	66		66					
2813 ALCOHOLS-----	194	12	182					
2819 BASIC CHEMICALS AND PROD, NEC-----	6,969	1,197	5,772					
2821 PLASTIC MATERIALS-----	29,558	20,559	8,999					
2822 SYNTHETIC RUBBER-----	471	42	429					
2823 SYNTHETIC (MAN-MADE) FIBERS-----	92		92					
2831 DRUGS-----	533	225	308					
2841 SOAP-----	889	44	845					
2851 PAINTS-----	634	173	461					
2861 GUM AND WOOD CHEMICALS-----	215	162	53					
2873 PHOSPHATIC CHEM FERTILIZERS-----	327	327						
2876 INSECTICIDES, DISINFECTANTS-----	92		92					
2891 MISCELLANEOUS CHEMICAL PROD-----	31,803	30,822	981					
2911 GASOLINE-----	4		4					
2912 JET FUEL-----	11,055					11,055		
2913 KEROSENE-----	11,894					3,502	8,392	
2914 DISTILLATE FUEL OIL-----	91,347					51,981	38,013	453
2915 RESIDUAL FUEL OIL-----	746,220	113,743		43,181	13,181	386,449	208,479	3,187
2916 LUBRICATING OILS AND GREASES-----	1,635		1,560			75		
2918 ASPHALT, TAR, AND PITCHES-----	10,166		20			10,146		
2920 COKE, PETROLEUM COKE-----	79,170	118	77,551				1,501	
2921 LIQUEFIED GASES-----	95		95					
2991 PETROLEUM AND COAL PROD, NEC-----	126		126					
3011 RUBBER AND MISC PLASTIC PROD-----	2,224	859	1,365					
3111 LEATHER AND LEATHER PRODUCTS-----	151	80	71					
3211 GLASS AND GLASS PRODUCTS-----	13,250	3,217	10,033					
3241 BUILDING CEMENT-----	67		67					
3251 STRUCTURAL CLAY PRODUCTS-----	406	148	258					
3271 LIME-----	6		6					
3281 CUT STONE AND STONE PRODUCTS-----	150	123	27					
3291 MISC NONMETALLIC MINERAL PROD-----	2,074	84	1,990					

Waterborne Commerce of the United States, 1986

DELAWARE RIVER AT CAMDEN, N. J.
(INCLUDED IN DELAWARE RIVER, PHILADELPHIA, PA., TO THE SEA)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
3311 PIG IRON-----	11,042	11,042	-----	-----	-----	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	70	70	-----	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	250,246	249,865	381	-----	-----	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	755	588	167	-----	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	72,630	72,602	28	-----	-----	-----	-----	-----
3318 FERROALLOYS-----	1,378	1,378	-----	-----	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	480	90	390	-----	-----	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	5,728	5,641	87	-----	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	3,911	3,895	16	-----	-----	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	12,643	12,346	297	-----	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	17,593	17,450	143	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	18,645	17,402	643	-----	-----	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	23,599	21,252	2,188	-----	-----	-----	159	-----
3611 ELECTRICAL MACH AND EQUIP-----	2,987	1,056	1,931	-----	-----	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	4,736	1,110	3,626	-----	-----	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	29	-----	29	-----	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	519	512	7	-----	-----	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	405	-----	405	-----	-----	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	288	12	276	-----	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	363	76	287	-----	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	728,739	-----	728,739	-----	-----	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	16,138	11,386	4,752	-----	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SHEEP-----	934	50	884	-----	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	22	-----	22	-----	-----	-----	15	-----
4029 WASTE AND SCRAP, NEC-----	15	-----	-----	-----	-----	-----	-----	15
4111 WATER-----	851	-----	-----	-----	-----	851	-----	-----
9112 COMMODITIES, NEC-----	3,326	2,645	679	-----	-----	2	-----	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	90	-----	90	-----	-----	-----	-----	-----

SCHUYLKILL RIVER, PA. (INCLUDED IN PHILADELPHIA HARBOR, PA.)

SECTION INCLUDED: DELAWARE RIVER TO UNIVERSITY AVENUE BRIDGE, PHILADELPHIA, 6.5 MILES. CONTROLLING DEPTH IN MIDDLE HALF OF CHANNEL: MAY 1986, 26.9 FEET TO UPPER END OF BERTH #1, ARCO BALLAST WHARF, MAY 1986, 19.3 FEET TO PASSYUNK AVENUE BRIDGE, (MINIMUM DEPTH IN RIGHT OUTSIDE QUARTER 27.8 FEET), 4 MILES; THENCE IN JUNE 1986, 16.5 FEET TO GIBSON POINT, 1 MILE; THENCE IN JULY 1983, 10.9 FEET TO UNIVERSITY AVENUE BRIDGE; 1.5 MILES. PROJECT DEPTH: 33 FEET TO PASSYUNK AVENUE BRIDGE; THENCE 26 FEET TO GIBSON POINT; AND THENCE 22 FEET TO UNIVERSITY AVENUE BRIDGE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	12,673,041	1982-----	11,514,657
1978-----	14,200,311	1983-----	10,801,871
1979-----	14,910,138	1984-----	9,408,523
1980-----	14,304,536	1985-----	7,597,545
1981-----	11,102,245	1986-----	7,656,083

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
TOTAL-----	7,656,083	566,517	69,325	347,481	1,793,902	2,097,366	2,427,586	313,906
1311 CRUDE PETROLEUM-----	2,523						2,523	
1442 SAND, GRAVEL, CRUSHED ROCK-----	140,103					140,103		
1494 GYPSUM, CRUDE AND PLASTERS-----	290,190	290,190						
2491 WOOD MANUFACTURES, NEC-----	72		72					
2813 ALCOHOLS-----	5,363			1,643		3,720		
2817 BENZENE AND TOLUENE-----	116,260	5,457			72,668	54,305	33,830	
2819 BASIC CHEMICALS AND PROD, NEC-----	212,759	14,224	562		2,401		195,572	
2911 GASOLINE-----	1,201,525			731,241	702,495	130,424	137,361	
2912 JET FUEL-----	86,750				60,451	2,136	22,723	1,440
2913 KEROSENE-----	97,159				17,402	35,501	20,967	15,199
2914 DISTILLATE FUEL OIL-----	1,025,029				225,431	420,889	265,873	112,836
2915 RESIDUAL FUEL OIL-----	3,488,379	238,556	36,573	56,191	354,425	1,250,610	1,367,593	184,431
2916 LUBRICATING OILS AND GREASES-----	70,651		14	57,931		10,829	1,877	
2917 NAPHTHA, PETROLEUM SOLVENTS-----	11,072				11,072			
2918 ASPHALT, TAR, AND PITCHES-----	751,213				397,467		353,746	
2921 LIQUEFIED GASES-----	38,039	38,039						
2991 PETROLEUM AND COAL PROD, NEC-----	51,126			475		48,845	1,806	
3315 IRON, STEEL SHAPES, EXC SHEET-----	51	51						
3711 MOTOR VEHICLES, PARTS, EQUIP-----	1		1					
4011 IRON AND STEEL SCRAP-----	52,103		52,103					
4029 WASTE AND SCRAP, NEC-----	15,715						15,715	
TOTAL TON-MILES, 24,462,246.								

PHILADELPHIA, PA, DISTRICT

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PHILADELPHIA HARBOR, PA, (INCLUDED IN DELAWARE RIVER BETWEEN PHILADELPHIA, PA., AND TRENTON, N. J., DELAWARE RIVER, PHILADELPHIA, PA. TO THE SEA AND SCHUYLKILL RIVER, PA.)

SECTION INCLUDED: DELAWARE RIVER FROM THE LOWER DOCK AT HOG ISLAND, BELOW THE MOUTH OF SCHUYLKILL RIVER, TO THE MOUTH OF POQUESSING CREEK, THE UPPER LIMIT OF THE CITY, 23 MILES AND SCHUYLKILL RIVER FROM ITS MOUTH TO FAIRMOUNT DAM, 8.4 MILES. FOR CONTROLLING AND PROJECT DEPTH SEE TABLES OF INDIVIDUAL REFERENCED PROJECTS.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	49,710,565	400,508	1982-----	51,936,235	507,614
1978-----	50,822,894	407,604	1983-----	29,808,414	532,024
1979-----	54,865,960	532,773	1984-----	28,504,784	443,539
1980-----	47,882,836	496,313	1985-----	32,690,108	261,677
1981-----	41,583,752	507,584	1986-----	35,661,183	395,399

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
TOTAL-----	35,661,183	19,929,886	4,220,129	654,236	2,180,093	5,319,721	2,455,186	901,422
0103 CORN-----	2	-----	2	-----	-----	-----	-----	-----
0105 RICE-----	68	67	1	-----	-----	-----	-----	-----
0119 OILSEEDS, NEC-----	675	111	564	-----	-----	-----	-----	-----
0121 TOBACCO, LEAF-----	1,645	1,573	72	-----	-----	-----	-----	-----
0129 FIELD CROPS, NEC-----	169	165	4	-----	-----	-----	-----	-----
0131 FRESH FRUITS-----	29,312	28,752	560	-----	-----	-----	-----	-----
0132 BANANAS AND PLANTAINS-----	58	58	-----	-----	-----	-----	-----	-----
0133 COFFEE-----	6,253	5,721	532	-----	-----	-----	-----	-----
0134 COCOA BEANS-----	102,893	102,853	240	-----	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	1,782	1,659	123	-----	-----	-----	-----	-----
0151 LIVE ANIMALS-----	24	-----	24	-----	-----	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	6,007	3,951	2,056	-----	-----	-----	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	103	93	10	-----	-----	-----	-----	-----
0841 CRUDE RUBBER AND ALLIED GUMS-----	678	656	22	-----	-----	-----	-----	-----
0861 FOREST PRODUCTS, NEC-----	5,540	3,437	2,103	-----	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	5,969	5,870	99	-----	-----	-----	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	757	615	142	-----	-----	-----	-----	-----
1011 IRON ORE AND CONCENTRATES-----	1,783,502	1,783,303	199	-----	-----	-----	-----	-----
1051 ALUMINUM ORES, CONCENTRATES-----	933	933	-----	-----	-----	-----	-----	-----
1061 MANGANESE ORES, CONCENTRATES-----	44	44	-----	-----	-----	-----	-----	-----
1091 NON-FERROUS ORES, CONCENT, NEC-----	7,561	6,934	627	-----	-----	-----	-----	-----
1121 COAL AND LIGNITE-----	3,975,170	-----	3,737,671	-----	237,299	-----	-----	-----
1131 CRUDE PETROLEUM-----	17,832,950	14,814,638	-----	8,843	-----	3,005,331	1,623	2,523
1411 LIMESTONE-----	45,027	-----	45,027	-----	-----	-----	-----	-----
1462 SAND, GRAVEL, CRUSHED ROCK-----	162,332	21,449	780	-----	-----	140,103	-----	-----
1451 CLAY-----	25,647	16,555	9,092	-----	-----	-----	-----	-----
1491 SALT-----	19,489	19,393	96	-----	-----	-----	-----	-----
1492 SULPHUR, DRY-----	488	-----	488	-----	-----	-----	-----	-----
1494 GYPSUM, CRUDE AND PLASTERS-----	336,887	336,877	10	-----	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	1,372	1,004	368	-----	-----	-----	-----	-----
1911 ORDNANCE AND ACCESSORIES-----	314	309	5	-----	-----	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	17,375	13,845	1,740	784	998	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	11,679	11,429	250	-----	-----	-----	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	316	-----	158	-----	158	-----	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	526	169	357	-----	-----	-----	-----	-----
2021 DAIRY PRODUCTS, NEC-----	2,444	1,336	-----	1,108	-----	-----	-----	-----
2022 DRIED MILK AND CREAM-----	261	19	242	-----	-----	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	2,814	2,713	22	79	-----	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	6,220	5,938	282	-----	-----	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	200,466	199,146	1,297	23	-----	-----	-----	-----
2042 ANIMAL FEEDS-----	826	425	401	-----	-----	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	1,112	948	164	-----	-----	-----	-----	-----
2081 ALCOHOLIC BEVERAGES-----	81,812	81,081	283	106	342	-----	-----	-----
2091 VEGETABLE OILS, MARG, SHORT-----	6,136	5,669	49	264	154	-----	-----	-----
2092 ANIMAL OILS AND FATS, NEC-----	76	76	-----	-----	-----	-----	-----	-----
2095 ICE-----	6,413	6,413	-----	-----	-----	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	159,561	158,526	855	134	46	-----	-----	-----
2111 TOBACCO MANUFACTURES-----	132	30	94	-----	-----	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	8,621	4,823	3,798	-----	-----	-----	-----	-----
2212 TEXTILE FIBERS, NEC-----	261	261	-----	-----	-----	-----	-----	-----
2311 APPAREL-----	633	584	49	-----	-----	-----	-----	-----
2411 LOGS-----	630	424	206	-----	-----	-----	-----	-----
2413 FUEL WOOD, CHARCOAL, WASTES-----	2	-----	2	-----	-----	-----	-----	-----
2414 TIMBER, POSTS, POLES, PILING-----	3	-----	3	-----	-----	-----	-----	-----
2421 LUMBER-----	9,346	4,924	4,422	-----	-----	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	20,652	20,446	206	-----	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	1,949	1,102	847	-----	-----	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	14,728	14,601	127	-----	-----	-----	-----	-----
2611 PULP-----	10,710	10,523	187	-----	-----	-----	-----	-----
2621 STANDARD NEWSPRINT PAPER-----	98,415	98,091	2,214	310	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	457,952	455,935	2,017	-----	-----	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	1,862	740	1,003	119	-----	-----	-----	-----
2711 PRINTED MATTER-----	3,081	2,746	311	24	-----	-----	-----	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	1,152	1,128	24	-----	-----	-----	-----	-----
2812 DYES, PIGMENT, TANNING MATS-----	340	340	-----	-----	-----	-----	-----	-----
2813 ALCOHOLS-----	50,723	1,631	17,362	25,522	2,488	1,400	-----	2,320
2816 RADIOACTIVE MATERIALS, WASTES-----	2	-----	2	-----	-----	-----	-----	-----
2817 BENZENE AND TOLUENE-----	171,726	43,210	8	6,000	22,668	34,065	43,695	22,080
2818 SULPHURIC ACID-----	1,200	-----	-----	-----	-----	1,200	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	973,820	178,752	48,114	50,133	64,679	62,852	231,172	338,112
2821 PLASTIC MATERIALS-----	23,945	13,420	10,477	-----	44	-----	-----	-----
2822 SYNTHETIC RUBBER-----	1,435	39	1,396	-----	-----	-----	-----	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	552	326	226	-----	-----	-----	-----	-----

Waterborne Commerce of the United States, 1986

PHILADELPHIA HARBOR, PA. (INCLUDED IN DELAWARE RIVER BETWEEN PHILADELPHIA, PA., AND TRENTON, N. J., DELAWARE RIVER, PHILADELPHIA, PA. TO THE SEA AND SCHUYLKILL RIVER, PA.)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2831 DRUGS-----	1,829	1,290	539					
2841 SOAP-----	2,880	1,164	1,670		46			
2851 PAINTS-----	6,038	5,117	689		232			
2861 GUM AND WOOD CHEMICALS-----	17,652	1,083	282	16,287				
2871 NITROGENOUS CHEM FERTILIZERS-----	45,291	39,291		6,000				
2872 POTASSIC CHEM FERTILIZERS-----	22	22						
2873 PHOSPHATIC CHEM FERTILIZERS-----	45	45						
2876 INSECTICIDES, DISINFECTANTS-----	796	49	747					
2879 FERTILIZER AND MATERIALS, NEC-----	259	114	145					
2891 MISCELLANEOUS CHEMICAL PROD-----	33,824	17,785	16,018	21				
2911 GASOLINE-----	1,367,112		25	351,958	702,495	110,400	182,206	20,028
2912 JET FUEL-----	87,888				60,451	2,136	23,861	1,440
2913 KEROSENE-----	99,183				17,492	57,525	28,967	15,199
2914 DISTILLATE FUEL OIL-----	1,137,119	29,929			252,232	470,128	265,585	119,245
2915 RESIDUAL FUEL OIL-----	3,631,631	291,729	36,573	56,191	305,308	1,433,892	1,280,621	337,517
2916 LUBRICATING OILS AND GREASES-----	111,007	18,197	16,703	60,992		10,829	3,487	799
2917 NAPHTHA, PETROLEUM SOLVENTS-----	62,976		2,390	49,514	11,072			
2918 ASPHALT, TAR, AND PITCHES-----	752,110	741	156		397,467		353,746	
2920 COKE, PETROLEUM COKE-----	119,426		112,486				6,980	
2921 LIQUEFIED GASES-----	64,732	64,591	141					
2931 ASPHALT BUILDING MATERIALS-----	140		140					
2991 PETROLEUM AND COAL PROD, NEC-----	64,887	9,752	564	475		7,333	5,251	41,512
3012 RUBBER AND MISC PLASTIC PROD-----	8,983	7,582	1,329		72			
3111 LEATHER AND LEATHER PRODUCTS-----	1,427	1,149	278					
3211 GLASS AND GLASS PRODUCTS-----	9,195	6,337	2,858					
3241 BUILDING CEMENT-----	94,500	94,469	31					
3251 STRUCTURAL CLAY PRODUCTS-----	10,077	8,064	1,349		660			
3271 LIME-----	2		2					
3281 CUT STONE AND STONE PRODUCTS-----	1,677	1,677						
3291 MISC NONMETALLIC MINERAL PROD-----	10,893	9,945	948					
3311 PIG IRON-----	386							
3314 IRON AND STEEL PRIMARY FORMS-----	94,263	94,255	8					
3315 IRON, STEEL SHAPES, EXC SHEET-----	488,125	487,976	149					
3316 IRON AND STEEL PLATES, SHEETS-----	24,341	507						
3317 IRON AND STEEL PIPE AND TUBE-----	43,574	43,343	23,034					
3318 FERROALLOYS-----	1,774	1,592	182		104			
3319 IRON AND STEEL PRODUCTS, NEC-----	14,394	11,944	2,450					
3321 NONFERROUS METALS, NEC-----	2,334	1,846	488					
3322 COPPER ALLOYS, UNWORKED-----	3,626	3,274	352					
3323 LEAD AND ZINC, UNWORKED-----	7,935	7,912	23					
3324 ALUMINUM AND ALLOYS, UNWORKED-----	28,458	28,336	82	40				
3411 FABRICATED METAL PRODUCTS-----	36,434	34,406	2,002	26				
3511 MACHINERY, EXCEPT ELECTRICAL-----	78,359	67,643	10,189	50	184	50	243	
3611 ELECTRICAL MACH AND EQUIP-----	13,614	9,940	3,600		74			
3711 MOTOR VEHICLES, PARTS, EQUIP-----	16,951	15,149	1,802					
3721 AIRCRAFT AND PARTS-----	179	133	46					
3731 SHIPS AND BOATS-----	132	105	27					
3791 MISC TRANSPORTATION EQUIPMENT-----	3,656	3,617	239					
3811 INSTR, TIME, PHOTO, OPT GOODS-----	1,694	1,361	530	1				
3911 MISC MANUFACTURED PRODUCTS-----	4,953	4,643	250		52			
4011 IRON AND STEEL SCRAP-----	57,915	22	57,215		678			
4012 NONFERROUS METAL SCRAP-----	12,315	3,660	8,655					
4022 TEXTILE WASTE, SCRAP, SWEET-----	846	362	484					
4024 PAPER WASTE AND SCRAP-----	9,026		9,026					
4029 WASTE AND SCRAP, NEC-----	15,730					15	15,715	
4111 WATER-----	1,436						851	585
4112 COMMODITIES, NEC-----	48,643	1,291	1,537	19,206	13,108	3,656	9,983	62
9999 DEPARTMENT OF DEFENSE AND SCI-----	121		121					

TRENTON HARBOR, N. J. (INCLUDED IN DELAWARE RIVER BETWEEN PHILADELPHIA, PA., AND TRENTON, N. J.)

SECTION INCLUDED: OIL TERMINALS AT DUCK ISLAND TO FERRY STREET, TRENTON, N. J., 3.4 MILES, CONTROLLING DEPTH IN MIDDLE HALF OF CHANNEL: DUCK ISLAND TO TRENTON MARINE TERMINAL, IN MAY 1986, 11.0 FEET, AND THENCE TO PENNSYLVANIA R. R. BRIDGE AT TRENTON IN MAY 1986, 11.0 FEET. PROJECT DEPTH: DUCK ISLAND TO TRENTON MARINE TERMINAL 25 FEET AUTHORIZED BUT DEFERRED; THENCE OF PENNSYLVANIA R. R. BRIDGE, 12 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	1,248,079	1	1982-----	1,176,400	
1978-----	895,855	4	1983-----	1,287,789	
1979-----	923,047		1984-----	1,354,485	
1980-----	1,011,340		1985-----	1,186,745	
1981-----	1,081,558		1986-----	846,685	

PHILADELPHIA, PA, DISTRICT

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TRENTON HARBOR, N. J. (INCLUDED IN DELAWARE RIVER BETWEEN PHILADELPHIA, PA., AND TRENTON, N. J.)--CONTINUED

FREIGHT TRAFFIC, 1986

DOMESTIC
(SHORT TONS)

COMMODITY	INTERNAL RECEIPTS
TOTAL-----	846,085
1121 COAL AND LIGNITE-----	781,154
2011 GASOLINE-----	14,287
2012 JET FUEL-----	2,836
2013 KEROSENE-----	1,191
2014 DISTILLATE FUEL OIL-----	46,617

WILMINGTON HARBOR, DELAWARE

SECTION INCLUDED: WEST SHORE OF DELAWARE RIVER FROM AND INCLUDING PIGEON POINT, DEL., TO AND INCLUDING EDGEWOOD, DEL., 4.4 MILES; AND MAY 1984, 40.1 FEET. IN THE CHRISTINA RIVER 14 DECEMBER 1986, 26.5 FEET TO THE UPPER END OF MARINE TERMINAL WHARF; THENCE IN DECEMBER 1986, 18.9 FEET TO LOBDELL CANAL, 1.2 MILES; THENCE IN MAY 1984, 11.3 FEET TO MARKET STREET BRIDGE AT WILMINGTON, 2.1 MILES; THENCE JANUARY 1980, 13.2 FEET TO THE FORMER PULP WORKS, 1.2 MILES; THENCE JANUARY 1980, 5.8 FEET TO PENNSYLVANIA R R BRIDGE NO. 4, 0.3 MILES; THENCE 6.1 FEET TO NEWPORT, 5 MILES. PROJECT DEPTH: IN DELAWARE RIVER, 40 FEET; IN CHRISTINA RIVER, 35 FEET TO LOBDELL CANAL, THENCE 21 FEET TO THE FORMER PULP WORKS; THENCE 10 FEET TO PENNSYLVANIA R. R. BRIDGE NO. 4, AND THENCE 7 FEET TO NEWPORT. ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	ADDITIONAL TRAFFIC - RAILROAD FREIGHT CARS				YEAR	TONS	ADDITIONAL TRAFFIC - RAILROAD FREIGHT CARS			
		RECEIPTS		SHIPMENTS				RECEIPTS		SHIPMENTS	
		EMPTY	LOADED	EMPTY	LOADED			EMPTY	LOADED	EMPTY	LOADED
1977--	2,917,774	873	1,547	656	966	1982--	2,515,288	17	99	23	19
1978--	3,310,324	1,109	833	507	860	1983--	2,318,722				
1979--	3,252,629	480	463	303	475	1984--	2,786,791				
1980--	3,535,993	211	252	182	166	1985--	2,362,269				
1981--	3,130,122	223	338	175	287	1986--	3,819,974				

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	3,819,974	2,173,242	243,015	200,776	468,245	517,369	216,761	566
0121 TOBACCO, LEAF-----	142	142						
0131 FRESH FRUITS-----	16,773	16,324	449					
0132 BANANAS AND PLANTAINS-----	381,595	381,595						
0134 COCOA BEANS-----	559	559						
0141 FRESH AND FROZEN VEGETABLES-----	826	826						
0911 FRESH FISH, EXCEPT SHELLFISH-----	189	189						
0912 SHELLFISH, EXCEPT PREPARED-----	308	308						
1091 NONFERROUS ORES, CONCENT, NEC-----	11,089	11,089						
1121 COAL AND LIGNITE-----	37,638		37,638					
1311 CRUDE PETROLEUM-----	178,077	143,549		34,528				
1451 CLAY-----	14,273	14,273						
1491 GYPSUM, CRUDE AND PLASTERS-----	139,273	139,273						
1891 NONMETALLIC MINERALS, NEC-----	391,654	391,654						
1911 ORNANCE AND ACCESSORIES-----	47,046	47,046						
2011 MEAT, FRESH, CHILLED, FROZEN-----	22,824	20,524	2,300					
2012 MEAT AND PRODUCTS, NEC-----	82	82						
2015 ANIMAL BY-PRODUCTS, NEC-----	14		14					
2031 FISH AND SHELLFISH, PREPARED-----	319	319						
2034 VEGETABLES AND PREP, NEC-----	230	230						
2039 PREP FRUIT AND VEG JUICE, NEC-----	141,562	141,562						
2099 MISCELLANEOUS FOOD PRODUCTS-----	530	212	318					
2211 BASIC TEXTILE PRODUCTS-----	1,128	772	356					
2311 APPAREL-----	6	6						
2421 LUMBER-----	182,751	182,725	26					
2431 VENEER, PLYWOOD, WORKED WOOD-----	746	746						
2491 WOOD MANUFACTURES, NEC-----	3,366	2	3,364					
2511 FURNITURE AND FIXTURES-----	45	44	1					
2611 PULP-----	51		51					
2621 STANDARD NEWSRINT PAPER-----	37,068	37,068						
2631 PAPER AND PAPERBOARD-----	174	134	40					
2691 PULP AND PAPER PRODUCTS, NEC-----	218		218					
2711 PRINTED MATTER-----	21		21					
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	20,624		20,624					
2813 ALCOHOLS-----	4,683	4,683						
2819 BASIC CHEMICALS AND PROD, NEC-----	17,826	17	5,149				12,660	
2821 PLASTIC MATERIALS-----	750	8	742					
2823 SYNTHETIC (MAN-MADE) FIBERS-----	475		475					
2831 DRUGS-----	1		1					
2841 SOAP-----	173	96	77					
2851 PAINTS-----	5,399	5,399						
2871 NITROGENOUS CHEM FERTILIZERS-----	45,827	45,827						
2876 INSECTICIDES, DISINFECTANTS-----	758		758					
2879 FERTILIZER AND MATERIALS, NEC-----	173		173					
2891 MISCELLANEOUS CHEMICAL PROD-----	1,415		1,415					
2911 GASOLINE-----	544,950			114,954	372,699		52,297	

Waterborne Commerce of the United States, 1986

WILMINGTON HARBOR, DELAWARE--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2912 JET FUEL-----	45,020	30,833	-----	5,588	8,599	-----	-----	-----
2913 KEROSENE-----	5,407	-----	-----	-----	-----	5,907	-----	-----
2914 DISTILLATE FUEL OIL-----	284,271	-----	-----	7,586	86,947	189,216	172	350
2915 RESIDUAL FUEL OIL-----	481,338	119,164	-----	33,120	-----	317,611	11,223	216
2916 LUBRICATING OILS AND GREASES-----	12,776	-----	12,703	-----	-----	73	-----	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	27,399	27,377	22	-----	-----	-----	-----	-----
2920 COKE, PETROLEUM COKE-----	119,863	-----	119,863	-----	-----	-----	-----	-----
2921 LIQUEFIED GASES-----	724	-----	724	-----	-----	-----	-----	-----
3011 RUBBER AND MISC PLASTIC PROD-----	85	29	56	-----	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	3	-----	3	-----	-----	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	14,670	14,670	-----	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	190,698	186,151	5	-----	-----	4,542	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	1,817	1,817	-----	-----	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	11,732	11,732	-----	-----	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	13	13	-----	-----	-----	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	12	7	5	-----	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	122	122	-----	-----	-----	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	418	418	-----	-----	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	36,546	36,525	21	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	4,146	3,996	150	-----	-----	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	31,176	30,526	650	-----	-----	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	60	2	58	-----	-----	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	137,857	104,988	32,873	-----	-----	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	30	-----	30	-----	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	75	71	4	-----	-----	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	149	-----	149	-----	-----	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	1	-----	1	-----	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	15	6	9	-----	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	4	4	-----	-----	-----	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	11,542	11,542	-----	-----	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	770	-----	770	-----	-----	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	140,409	-----	-----	-----	-----	140,409	-----	-----
4112 COMMODITIES, NEC-----	6,571	5,861	690	-----	-----	20	-----	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	19	-----	19	-----	-----	-----	-----	-----

SUMMARY OF TRAFFIC - DELAWARE RIVER AND TRIBUTARIES, TRENTON, N. J. TO THE SEA, 1986

(SHORT TONS)

LOCALITY	TOTAL	FOREIGN		DOMESTIC				
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		LOCAL
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TRENTON HARBOR, N. J.	846,085					846,085		
BORDENTOWN-FIELDSDORF, N. J.								
BURLINGTON-FLORENCE-ROEBLING, N. J.	409,134	235,556	1,396			172,182		
RIVERTON-DELANCO-WEVERLY, N. J.								
PENN HARBOR, PA., AND VICINITY	2,102,936	1,450,643	75			252,218		
BRISTOL, PA., AND VICINITY	63,507					63,507		
PHILADELPHIA HARBOR, PA.	35,661,183	19,929,866	4,220,129	654,236	2,180,603	5,319,721	2,455,186	901,422
CAMDEN-GLOUCESTER, N. J.	6,666,455	2,289,432	1,244,795	829,866	493,137	930,252	833,537	45,436
CHESTER, PA.	729,863	20,154	7,604			697,076	4,829	
MARCUS HOOK, PA., AND VICINITY	30,253,895	17,682,722	45,179	2,898,820	2,120,141	3,754,974	3,457,333	294,726
PAULSBORO, N. J., AND VICINITY	17,761,722	10,822,686	270,771	812,775	1,461,729	2,541,542	1,693,571	138,648
THOMPSON POINT, N. J., AND VICINITY	413,999	57,013		68,172	8,125	162,744	117,945	
WILMINGTON HARBOR, DEL.	3,810,974	2,173,242	243,015	200,776	468,245	517,369	216,761	566
PENNSGROVE-CARNEY POINT, N. J.	283,111	51,554	36,883	69,272		113,516	11,686	
NEW CASTLE, DEL., AND VICINITY	9,940,106	3,767,183	20,102	199,229	1,854,379	2,907,035	1,184,151	8,027
ARTIFICIAL IS., N. J., AND VICINITY	400						400	
LOWER DELAWARE BAY, N. J.	10,274					6,048	224	4,002
LOWER DELAWARE BAY, DEL.	13,944,738	3,860,323		38,534	110,270	110,921	9,824,690	
TOTAL	122,907,342	62,740,394	6,090,149	5,771,680	8,716,629	18,395,190	19,800,513	1,392,827
NET VOLUME OF COMMERCE	106,104,476	62,740,394	6,090,149	5,771,680	8,716,629		21,392,797	1,392,827

INLAND WATERWAY FROM DELAWARE RIVER TO CHESAPEAKE BAY, DEL.
AND MD. - CHESAPEAKE AND DELAWARE CANALSECTION INCLUDED: DELAWARE RIVER TO POOLIS ISLAND IN CHESAPEAKE BAY, 46 MILES. CONTROLLING DEPTH: IN NOVEMBER 1986, 35.0 FEET IN
MIDDLE HALF OF CHANNEL. PROJECT DEPTH: 35 FEET AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	10,813,406	17,148	1982-----	16,962,746	1,642
1978-----	14,571,375	13,088	1983-----	17,403,805	19
1979-----	14,396,868	9,986	1984-----	17,623,257	549
1980-----	15,975,922	1,795	1985-----	17,856,177	-----
1981-----	15,986,379	1,261	1986-----	15,233,159	30

PHILADELPHIA, PA, DISTRICT

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INLAND WATERWAY FROM DELAWARE RIVER TO CHESAPEAKE BAY, DEL.
AND MD. - CHESAPEAKE AND DELAWARE CANAL--CONTINUED

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		EASTBOUND	WESTBOUND	COASTWISE		INTERNAL	
				EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND
TOTAL-----	15,233,159	3,347,567	3,325,294	2,450,957	1,653,853	1,626,902	2,626,586
0105 RICE-----	23				23		
0106 SORGHUM GRAINS-----	5,762	5,762					
0121 TOBACCO, LEAF-----	12			12			
0122 HAY AND FODDER-----	104				104		
0129 FIELD CROPS, NEC-----	67				67		
0131 FRESH FRUITS-----	3,122	3,080			42		
0133 COFFEE-----	200				200		
0134 COCOA BEANS-----	2,218				2,218		
0141 FRESH AND FROZEN VEGETABLES-----	32			3	29		
0161 ANIMALS AND PRODUCTS, NEC-----	175				175		
0191 MISCELLANEOUS FARM PRODUCTS-----	25				25		
0861 FOREST PRODUCTS, NEC-----	984				984		
0911 FRESH FISH, EXCEPT SHELLFISH-----	763				763		
0912 SHELLFISH, EXCEPT PREPARED-----	369				369		
0931 MARINE SHELLS, UNMANUFACTURED-----	10,549					10,549	
1011 IRON ORE AND CONCENTRATES-----	45,431	17,000	25,000		3,431		
1061 MANGANESE ORES, CONCENTRATES-----	27,000		27,000				
1091 NONFERROUS ORES, CONCENT, NEC-----	28,329	15,000	9,201				4,128
1121 COAL AND LIGNITE-----	2,655,075			1,852,957	18,144	783,974	
1311 CRUDE PETROLEUM-----	7,660				7,660		
1412 BUILDING STONE, UNWORKED-----	27			27			
1442 SAND, GRAVEL, CRUSHED ROCK-----	291,581		19,424		8,365	265,792	
1451 CLAY-----	4,400		4,400				
1491 SALT-----	4,996	4,950		46			
1499 GYPSUM, CRUDE AND PLASTERS-----	288,642	1,440	279,702		7,500		
1499 NONMETALLIC MINERALS, NEC-----	8,186	8,186			24		
1911 ORNANCE AND ACCESSORIES-----	5				5		
2011 MEAT, FRESH, CHILLED, FROZEN-----	445			19	426		
2012 MEAT AND PRODUCTS, NEC-----	308				308		
2021 DAIRY PRODUCTS, NEC-----	25				25		
2031 FISH AND SHELLFISH, PREPARED-----	11,145				11,145		
2034 VEGETABLES AND PREP, NEC-----	6,222			149	6,073		
2039 PREP FRUIT AND VEG JUICE, NEC-----	1,042				1,042		
2041 WHEAT FLOUR AND SEMOLINA-----	15			14	1		
2042 ANIMAL FEEDS-----	23				23		
2049 GRAIN MILL PRODUCTS, NEC-----	451			37	414		
2061 SUGAR-----	58,880	37,451	21,319	110			
2062 MOLASSES-----	53,959	46,959	7,000				
2081 ALCOHOLIC BEVERAGES-----	5,541		793		4,748		
2091 VEGETABLE OILS, MARG, SHORT-----	19,842	5,418	14,360		64		
2092 ANIMAL OILS AND FATS, NEC-----	6,662		6,662				
2099 MISCELLANEOUS FOOD PRODUCTS-----	9,908			644	9,264		
2111 TOBACCO MANUFACTURES-----	124				124		
2211 BASIC TEXTILE PRODUCTS-----	201			31	170		
2311 APPAREL-----	458			291	167		
2421 LUMBER-----	174,997	120,033	53,472	84	1,408		
2431 VENEER, PLYWOOD, WORKED WOOD-----	3,520		3,520				
2491 WOOD MANUFACTURES, NEC-----	15,430	15,000		18	322		
2511 FURNITURE AND FIXTURES-----	2,379			90	2,289		
2611 PULP-----	7				7		
2621 STANDARD NEWSPRINT PAPER-----	3,101		3,080		21		
2631 PAPER AND PAPERBOARD-----	77,087		10,085		1,150	65,852	
2691 PULP AND PAPER PRODUCTS, NEC-----	60,158	18,852	20,170	16,780	4,356		
2711 PRINTED MATTER-----	610		30		580		
2810 SODIUM HYDROXIDE-----	68,553		32,478	10,361	10,740		14,974
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	5,877	5,877					
2813 ALCOHOLS-----	5,979	2,333			3,646		
2817 BENZENE AND TOLUENE-----	10,592				6,912	3,680	
2818 SULPHURIC ACID-----	231,603		68,476	10,544			152,583
2819 BASIC CHEMICALS AND PROD, NEC-----	300,209	6,200	42,409	10,055	12,818		228,727
2821 PLASTIC MATERIALS-----	640			158	482		
2822 SYNTHETIC RUBBER-----	6,067	6,007		33	27		
2831 DRUGS-----	31			26	5		
2841 SOAP-----	319			319			
2851 PAINTS-----	2,917		2,913		4		
2871 NITROGENOUS CHEM FERTILIZERS-----	45,494		20,794	21,700	3,000		
2872 POTASSIC CHEM FERTILIZERS-----	75,133		75,133				
2876 INSECTICIDES, DISINFECTANTS-----	4			3	1		
2879 FERTILIZER AND MATERIALS, NEC-----	46,701	23,530	19,271	2,580	2,520		
2891 MISCELLANEOUS CHEMICAL PROD-----	32,530		10,430	3,040	19,060		
2911 GASOLINE-----	962,977	13,955	23,096	70,051	85,989	15,836	754,050
2912 JET FUEL-----	250,595					60,468	190,127
2913 KEROSENE-----	51,814				1,574	14,594	35,111
2914 DISTILLATE FUEL OIL-----	624,401	11,000		71,304	34,866	242,067	265,164
2915 RESIDUAL FUEL OIL-----	1,012,882	57,179		17,165	96,938	135,569	706,031
2916 LUBRICATING OILS AND GREASES-----	46,153		9,360	2,630	4,556		29,607
2917 NAPHTHA, PETROLEUM SOLVENTS-----	12,295		2,610	300	9,385		
2918 ASPHALT, TAR, AND BITUMENS-----	1,021,471	90,685	13,000	28,211	504,846		384,769
2920 COKE, PETROLEUM COKE-----	64,999	40,275	9,790				14,934
2991 PETROLEUM AND COAL PROD, NEC-----	118,408	800	7,637	12,540	88,292	7,333	1,806
3011 RUBBER AND MISC PLASTIC PROD-----	11,656		6,663	113	4,680		
3111 LEATHER AND LEATHER PRODUCTS-----	270				270		
3211 GLASS AND GLASS PRODUCTS-----	572			55	517		
3241 BUILDING CEMENT-----	512,453			123,970	388,483		
3251 STRUCTURAL CLAY PRODUCTS-----	7,181	4,893		399	1,889		
3261 CUT STONE AND STONE PRODUCTS-----	1,436				1,436		
3291 MISC NONMETALLIC MINERAL PROD-----	14,447	3,490		10,705	252		
3311 PIG IRON-----	1				1		
3312 SLAG-----	3,024						3,024
3313 COKE, PET ASPHALTS, SOLVENTS-----	1,000				1,000		
3315 IRON, STEEL SHAPES, ETC SHEET-----	59,491		10,831		2,216	31,695	14,749

Waterborne Commerce of the United States, 1986

INLAND WATERWAY FROM DELAWARE RIVER TO CHESAPEAKE BAY, DEL.
AND MD. - CHESAPEAKE AND DELAWARE CANAL--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		EASTBOUND	WESTBOUND	COASTWISE		INTERNAL	
				EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND
3317 IRON AND STEEL PIPE AND TUBE-----	3,000	-----	-----	1,500	326	-----	1,174
3318 FERROALLOYS-----	464	-----	-----	20	844	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	367,532	92,847	246,832	20,803	7,050	-----	-----
3321 NONFERROUS METALS, NEC-----	8,355	-----	8,353	-----	2	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	3,626	-----	3,192	-----	434	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	7,901	-----	5,871	30	2,000	-----	-----
3411 FABRICATED METAL PRODUCTS-----	15,303	-----	30	977	14,196	-----	109
3511 MACHINERY, EXCEPT ELECTRICAL-----	7,040	-----	-----	651	5,512	50	827
3611 ELECTRICAL MACH AND EQUIP-----	7,100	-----	450	137	5,217	-----	1,296
3711 MOTOR VEHICLES, PARTS, EQUIP-----	301,190	175,651	124,122	814	603	-----	-----
3721 AIRCRAFT AND PARTS-----	380	-----	-----	80	300	-----	-----
3731 SHIPS AND BOATS-----	36	-----	-----	-----	36	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	29,985	14,468	15,514	-----	3	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	514	-----	-----	17	497	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	27,672	18,718	2,651	3,000	3,303	-----	-----
4011 IRON AND STEEL SCRAP-----	2,800	-----	-----	-----	2,800	-----	-----
4012 NONFERROUS METAL SCRAP-----	60	-----	-----	60	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	26,321	-----	-----	10,606	-----	-----	15,715
4111 WATER-----	7,130	-----	4,700	2,190	-----	240	-----
4112 COMMODITIES, NEC-----	4,898,302	2,472,633	2,052,763	140,924	219,030	3,262	9,490
4119 EMPTY CONTAINERS-----	9,576	7,869	1,707	-----	-----	-----	-----
TOTAL TON-MILES, 700,612,486.							

PHILADELPHIA, PA, DISTRICT

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OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TONS MILES	PASSENGERS
PROJECT				
ABSECON CREEK, N. J.	NO COMMERCE REPORTED			
ABSECON INLET, N. J.	0911 FRESH FISH, EXCEPT SHELLFISH	253		
	0912 SHELLFISH, EXCEPT PREPARED	2,549		
	TOTAL	2,822	2,822	41,252
ALLOMA CREEK, N. J.	NO COMMERCE REPORTED			
APPOQUIMINK RIVER, DEL.	NO COMMERCE REPORTED			
BARNEGAT INLET, N. J.	0911 FRESH FISH, EXCEPT SHELLFISH	700		
	0912 SHELLFISH, EXCEPT PREPARED	58		
	TOTAL	758	758	94,576
BIG TIMBER CREEK, N. J.	NO COMMERCE REPORTED			
BROADKILL RIVER, DEL.	NO COMMERCE REPORTED			
CAPE MAY CANAL, N. J.	0911 FRESH FISH, EXCEPT SHELLFISH	780		
	0912 SHELLFISH, EXCEPT PREPARED	160		
	2914 DISTILLATE FUEL OIL	5,484		
	3731 SHIPS AND BOATS	133		
	TOTAL	6,557	19,671	1,121,149
COMANSEY RIVER, N. J.	0912 SHELLFISH, EXCEPT PREPARED	1		
	2913 KEROSENE	1,670		
	2914 DISTILLATE FUEL OIL	1,503		
	TOTAL	3,174	60,292	9,000
COLD SPRING INLET, N. J.	0911 FRESH FISH, EXCEPT SHELLFISH	4,263		
	0912 SHELLFISH, EXCEPT PREPARED	41,775		
	TOTAL	46,038	46,038	94,029
COOPER RIVER, N. J.	2914 DISTILLATE FUEL OIL	1,547	1,547	
HARBOR OF REFUGE, DELAWARE BAY, DEL.	2971 NITROGENOUS CHEM FERTILIZERS	21,916	21,916	984,435
HOPE CREEK, N. J.	NO COMMERCE REPORTED			
INDIAN RIVER INLET AND BAY, DEL.				3,574
INLAND WATERWAY BETWEEN REMUOTH BAY AND DELAWARE BAY, DEL.				42,824
LEIPSIK RIVER, DEL.	NO COMMERCE REPORTED			
LITTLE EGG HARBOR, N. J.	NO COMMERCE REPORTED			
LITTLE RIVER, DEL.	NO COMMERCE REPORTED			
MANASQUAN RIVER, N. J.	0911 FRESH FISH, EXCEPT SHELLFISH	2,128		
	0912 SHELLFISH, EXCEPT PREPARED	2,319		
	TOTAL	4,447	8,553	16,384
MANTUA CREEK, N. J.	1091 NONFERROUS MISC. CONCENT. MISC.	4,124		
	2631 PAPER AND PAPER PRODUCTS	65,852		
	2814 SULPHURIC ACID	12,180		
	2914 DISTILLATE FUEL OIL	3,156		
	2920 COKE, PETROLEUM COKE	6,453		
	3312 SLAG	3,024		
	3315 IRON, STEEL SHAPES, EXC SHFT	41,902		
	TOTAL	136,695	136,695	
MAURICE RIVER, N. J.	0911 FRESH FISH, EXCEPT SHELLFISH	24		
	0912 SHELLFISH, EXCEPT PREPARED	3,874		
	TOTAL	3,894	27,515	3,920
MISPILLION RIVER, DEL.				420
MURDERKILL RIVER, DEL.				21,522
NEW JERSEY INTRACOASTAL WATERWAY	0911 FRESH FISH, EXCEPT SHELLFISH	7,704		
	0912 SHELLFISH, EXCEPT PREPARED	77,768		
	2914 DISTILLATE FUEL OIL	5,484		
	3731 SHIPS AND BOATS	133		
	TOTAL	91,093	598,812	1,355,404
OLDMANS CREEK, N. J.	NO COMMERCE REPORTED			
PEPPER CREEK, DEL.	NO COMMERCE REPORTED			
SALEM RIVER, N. J.	NO COMMERCE REPORTED			
SMYRNA RIVER, DEL.	0912 SHELLFISH, EXCEPT PREPARED	34	136	
ST. JONES RIVER, DEL.	NO COMMERCE REPORTED			
TOMS RIVER, N. J.	NO COMMERCE REPORTED			
TUCKERTON CREEK, N. J.				288
WATERWAY FROM INDIAN RIVER INLET TO REMUOTH BAY, DEL.				520

Waterborne Commerce of the United States, 1986

BALTIMORE, MD, DISTRICT

BALTIMORE HARBOR AND CHANNELS, MD.

SECTION INCLUDED: MOUTH OF CHESAPEAKE BAY TO BALTIMORE, MD. CONTROLLING DEPTH: CAPE HENRY TO CRAIGHTHILL ENTRANCE 41.9 FEET. CRAIGHTHILL ENTRANCE TO FT. MCHENRY, 41.6 FEET; SOUTHERN APPROACH CHANNELS TO CHESAPEAKE AND DELAWARE CANAL, 35 FEET. BRANCH CHANNEL RANGE FROM 15 TO 41.9 FEET; ANCHORAGES 1 AT 35.0 FEET, 1 AT 34 FEET AND 1 AT 30 FEET. PROJECT DEPTH: CAPE HENRY TO FORT MCHENRY, BALTIMORE, MD., 42 FEET; SOUTHERN APPROACH CHANNELS TO CHESAPEAKE AND DELAWARE CANAL, 35 FEET. BRANCH CHANNELS RANGE FROM 15 TO 42 FEET; ANCHORAGES 50 FEET AND 35 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977	44,750,359	163,134	1982	40,430,961	632,962
1978	50,562,090	176,147	1983	31,574,307	424,587
1979	51,444,637	283,437	1984	37,306,504	448,686
1980	50,041,515	374,153	1985	36,425,293	531,664
1981	49,804,528	333,748	1986	35,432,498	367,247

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	35,432,498	13,623,061	10,504,264	2,311,028	3,440,880	2,213,017	953,814	2,386,434
2101 COTTON, RAW-----	737	20	717	-----	-----	-----	-----	-----
2103 CORN-----	1,213,408	7	1,203,270	-----	10,131	-----	-----	-----
2105 RICE-----	2,757	2,568	166	23	-----	-----	-----	-----
2106 SOYBEAN SPAYS-----	653	-----	653	-----	-----	-----	-----	-----
2107 WHEAT-----	63,643	-----	63,643	-----	-----	-----	-----	-----
2111 SOYBEANS-----	611,574	-----	611,574	-----	-----	-----	-----	-----
2119 OILSEEDS, NEC-----	1,240	256	984	-----	-----	-----	-----	-----
2121 TOBACCO, LEAF-----	19,290	11,943	7,259	-----	88	-----	-----	-----
2122 HAY AND FODDER-----	104	-----	-----	104	-----	-----	-----	-----
2129 FIELD CROPS, NEC-----	2,062	1,753	242	67	-----	-----	-----	-----
2131 FRESH FRUITS-----	5,959	493	5,424	42	-----	-----	-----	-----
2132 BANANAS AND PLANTAINS-----	550	550	-----	-----	-----	-----	-----	-----
2133 COFFEE-----	10,817	9,291	1,326	200	-----	-----	-----	-----
2134 COCOA BEANS-----	2,610	1,448	137	425	-----	-----	-----	-----
2141 FRESH AND FROZEN VEGETABLES-----	7,152	4,621	2,499	29	3	-----	-----	-----
2151 LIVE ANIMALS-----	8	-----	8	-----	-----	-----	-----	-----
2161 ANIMALS AND PRODUCTS, NEC-----	7,218	2,223	4,376	175	444	-----	-----	-----
2191 MISCELLANEOUS FARM PRODUCTS-----	1,120	544	551	25	-----	-----	-----	-----
2841 CRUDE RUBBER AND ALLIED GUMS-----	71,637	69,131	2,302	-----	204	-----	-----	-----
2861 FOREST PRODUCTS, NEC-----	10,588	8,535	1,069	984	-----	-----	-----	-----
2911 FRESH FISH, EXCEPT SHELLFISH-----	6,177	3,791	1,603	783	-----	-----	-----	-----
2912 SHELLFISH, EXCEPT PREPARED-----	947	382	196	369	-----	-----	-----	-----
2931 MARINE SHELLS, UNMANUFACTURED-----	76	76	-----	-----	-----	-----	-----	-----
1011 IRON ORE AND CONCENTRATES-----	6,109,669	6,109,473	196	-----	-----	-----	-----	-----
1021 COPPER ORE AND CONCENTRATES-----	52	-----	52	-----	-----	-----	-----	-----
1051 ALUMINUM ORES, CONCENTRATES-----	343,551	343,254	297	-----	-----	-----	-----	-----
1061 MANGANESE ORES, CONCENTRATES-----	65,073	64,986	87	-----	-----	-----	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	67,944	67,318	626	-----	-----	-----	-----	-----
1121 COAL AND LIGNITE-----	11,961,984	-----	6,778,226	-----	2,802,547	609,739	155,809	1,615,000
1311 CRUDE PETROLEUM-----	123,770	-----	-----	123,770	-----	-----	-----	-----
1411 LIMESTONE-----	43	-----	43	-----	-----	-----	-----	-----
1412 BUILDING STONE, UNWORKED-----	743	-----	716	-----	27	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	22,894	1,079	1,731	23	256	-----	19,805	-----
1451 CLAY-----	100,676	94,202	6,476	-----	-----	-----	-----	-----
1471 PHOSPHATE ROCK-----	40	-----	40	-----	-----	-----	-----	-----
1491 SALT-----	273,150	272,170	934	-----	86	-----	-----	-----
1492 SULPHUR, DRY-----	4,314	-----	4,314	-----	-----	-----	-----	-----
1494 GYPSUM, CRUDE AND PLASTERS-----	768,074	766,374	1,656	-----	84	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	146,997	141,496	5,477	24	-----	-----	-----	-----
1911 ORDNANCE AND ACCESSORIES-----	4,933	4,496	437	-----	-----	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	46,557	1,833	36,739	426	7,559	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	29,742	28,174	350	308	910	-----	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	242	-----	242	-----	-----	-----	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	6,525	66	6,459	-----	-----	-----	-----	-----
2021 DAIRY PRODUCTS, NEC-----	4,181	3,626	138	25	392	-----	-----	-----
2022 DRIED MILK AND CREAM-----	16,932	14	16,828	-----	90	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	44,807	33,556	10	11,145	-----	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	75,722	60,351	7,799	6,131	1,441	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	66,458	61,140	4,276	1,042	-----	-----	-----	-----
2041 WHEAT FLOUR AND SEMOLINA-----	595	-----	425	-----	170	-----	-----	-----
2042 ANIMAL FEEDS-----	13,808	7,741	5,891	23	-----	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	64,320	13,548	50,291	414	67	-----	-----	-----
2061 SUGAR-----	552,009	496,536	573	54,790	110	-----	-----	-----
2062 MOLASSES-----	96,427	96,427	-----	-----	-----	-----	-----	-----
2091 ALCOHOLIC BEVERAGES-----	165,104	152,650	7,569	4,685	-----	-----	-----	-----
2091 VEGETABLE OILS, MARG, SHORT-----	17,913	14,356	2,117	64	1,376	-----	-----	-----
2092 ANIMAL OILS AND FATS, NEC-----	2	2	-----	-----	-----	-----	-----	-----
2095 ICE-----	8,849	8,849	-----	-----	-----	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	87,079	59,419	15,893	9,889	2,878	-----	-----	-----
2111 TOBACCO MANUFACTURES-----	11,851	1,044	10,799	124	484	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	38,074	21,383	12,217	168	4,306	-----	-----	-----
2212 TEXTILE FIBERS, NEC-----	918	827	1	-----	90	-----	-----	-----
2311 APPAREL-----	7,983	6,143	1,382	167	291	-----	-----	-----
2411 LOGS-----	116,749	157	116,612	-----	-----	-----	-----	-----
2413 FUEL WOOD, CHARCOAL, WASTES-----	794	20	774	-----	-----	-----	-----	-----
2414 TIMBER, POSTS, POLES, PILING-----	500	-----	-----	-----	800	-----	-----	-----
2416 WOOD CHIPS, STAVES, MOLDINGS-----	482	263	219	-----	-----	-----	-----	-----
2421 LUMBER-----	329,705	190,454	139,154	13	84	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	32,803	21,225	11,578	-----	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	19,717	9,730	9,595	322	70	-----	-----	-----

BALTIMORE, MD, DISTRICT

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BALTIMORE HARBOR AND CHANNELS, MD.--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2511 FURNITURE AND FIXTURES-----	64,566	56,660	5,029	2,247	630			
2611 PULP-----	4,573	0	0,510		55			
2621 STANDARD NEWSPRINT PAPER-----	17,914	14,033		21	1,860			
2631 PAPER AND PAPERBOARD-----	129,363	108,796	18,182	951	1,434			
2691 PULP AND PAPER PRODUCTS, NEC-----	24,758	11,561	6,926	4,334	1,937			
2711 PRINTED MATTER-----	15,668	8,262	6,608	580	418			
2810 SODIUM FLUORIDE-----	23,669			10,740		12,929		
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	75,706	13,392	62,314					
2812 DYES, PIGMENT, TANNING MATS-----	440		440					
2813 ALCOHOLS-----	6,164	4,633	826	33	472			
2816 RADIOACTIVE MATERIALS, WASTE-----	1,982	1,494	488					
2817 BENZENE AND TOLUENE-----	20,286		46			1,840	3,480	14,720
2818 SULPHURIC ACID-----	317,842			18,768		121,608	1,400	175,594
2819 BASIC CHEMICALS AND PROD, NEC-----	279,279	170,467	100,916	6,974	982			
2821 PLASTIC MATERIALS-----	111,461	27,348	81,515	477	2,121			
2822 SYNTHETIC RUBBER-----	22,933	652	22,067	27	187			
2823 SYNTHETIC (MAN-MADE) FIBERS-----	7,607	1,921	5,686					
2831 DRUGS-----	12,907	4,133	8,381		393			
2841 SOAP-----	18,377	4,330	9,485		4,562			
2851 PAINTS-----	41,482	36,962	4,259	1	260			
2861 GUM AND WOOD CHEMICALS-----	1,995	86	1,819		90			
2871 NITROGENOUS CHEM FERTILIZERS-----	274,630	254,894	298	4,434			11,000	
2872 POTASSIC CHEM FERTILIZERS-----	166,545	163,036	1,141				2,368	
2873 PHOSPHATIC CHEM FERTILIZERS-----	118		118					
2876 INSECTICIDES, DISINFECTANTS-----	17,063	1,207	15,853		3			
2879 FERTILIZER AND MATERIALS, NEC-----	34,646	491	687	15,247		18,221		
2891 MISCELLANEOUS CHEMICAL PROD-----	57,293	14,254	41,782	800	457			
2911 GASOLINE-----	886,038	26,899	1,197	151,162	4,835	450,579	44,836	6,530
2912 JET FUEL-----	27,348			25,471		1,877		
2913 KEROSENE-----	55,805		155	23,405	1,574	30,671		
2914 DISTILLATE FUEL OIL-----	1,079,580	84,962	157	298,780	71,304	253,307	279,154	91,916
2915 RESIDUAL FUEL OIL-----	1,464,169	153,785		337,498	14,534	386,412	162,456	409,484
2916 LUBRICATING OILS AND GREASES-----	119,987	17,963	11,549	9,038	308	18,100		63,029
2917 NAPHTHA, PETROLEUM SOLVENTS-----	49,045		111	48,934				
2918 ASPHALT, TAR, AND BITUMENS-----	881,440	214,689	9,710	496,065	23,323	84,566	13,087	
2920 COKE, PETROLEUM COKE-----	135,614		134,276				1,338	
2921 LIQUEFIED GASES-----	442	50	392					
2951 ASPHALT BUILDING MATERIALS-----	1,073		989		84			
2991 PETROLEUM AND COAL PROD, NEC-----	115,831	2,054	2,468	72,977		1,772	36,360	
3011 RUBBER AND MISC PLASTIC PROD-----	103,683	81,589	16,299	4,874	961			
3111 LEATHER AND LEATHER PRODUCTS-----	16,965	15,361	1,334	270				
3211 GLASS AND GLASS PRODUCTS-----	55,930	31,867	23,221	488	354			
3241 BUILDING CEMENT-----	1,041,335	207,032	532	381,729	301,877		150,165	
3251 STRUCTURAL CLAY PRODUCTS-----	81,389	63,888	13,512	1,866	2,103			
3271 LIME-----	70		70					
3281 CUT STONE AND STONE PRODUCTS-----	51,614	49,780	438	1,436				
3291 MISC NONMETALLIC MINERAL PROD-----	227,428	215,689	11,403	252	84			
3311 PIG IRON-----	4,596	4,413	182					
3314 IRON AND STEEL PRIMARY FORMS-----	24,331	7,174	17,155					
3315 IRON, STEEL SHAPES, EXC SHEET-----	289,424	226,342	2,629	2,216	1,149		57,087	
3316 IRON AND STEEL PLATES, SHEETS-----	148,829	3,645	143,765		1,169			
3317 IRON AND STEEL PIPE AND TUBE-----	54,986	50,980	3,644	326	36			
3318 FERROALLOYS-----	139,939	132,284	2,180	844	20	4,651		
3319 IRON AND STEEL PRODUCTS, NEC-----	52,268	44,505	7,757		6			
3321 NONFERROUS METALS, NEC-----	50,426	39,381	2,619	102	8,174			
3322 COPPER ALLOYS, UNWORKED-----	25,665	23,582	1,589	434	60			
3323 LEAD AND ZINC, UNWORKED-----	4,031	3,777	254					
3324 ALUMINUM AND ALLOYS, UNWORKED-----	186,773	174,842	10,819	932	180			
3411 FABRICATED METAL PRODUCTS-----	177,312	127,578	31,331	14,519	3,884			
3511 MACHINERY, EXCEPT ELECTRICAL-----	586,491	459,456	120,640	5,580	815			
3611 ELECTRICAL MACH AND EQUIP-----	128,561	69,218	50,642	5,234	3,467			
3711 MOTOR VEHICLES, PARTS, EQUIP-----	780,716	715,458	64,222	603	433			
3721 AIRCRAFT AND PARTS-----	2,260	154	2,079	27				
3731 SHIPS AND BOATS-----	6,523	5,192	1,219	36	76			
3791 MISC TRANSPORTATION EQUIPMENT-----	9,850	5,500	4,294		52		12	
3811 INSTR, TIME, PHOTO, OPT GOODS-----	11,161	5,898	4,665	497	101			
3911 MISC MANUFACTURED PRODUCTS-----	51,591	42,774	3,135	3,377	235		2,070	
4011 IRON AND STEEL SCRAP-----	51,721	67	50,154				1,500	
4012 NONFERROUS METAL SCRAP-----	163,029	129,873	33,096		60			
4022 TEXTILE WASTE, SCRAP, SHEEP-----	9,014		8,974		40			
4024 PAPER WASTE AND SCRAP-----	110,903		110,903					
4111 WATER-----	9,864						370	9,494
4112 COMMODITIES, NEC-----	345,921	13,344	20,673	135,618	149,743	15,873	10,667	3
9999 DEPARTMENT OF DEFENSE AND SCI-----	11,608		11,608					
TOTAL TON-MILES, 279,455,059.								

SUSQUEHANNA RIVER ABOVE AND BELOW HAVRE DE GRACE, MD.

SECTION INCLUDED: FROM MOUTH TO SPESUTIE NARROWS, MD. CONTROLLING DEPTH: 15.0 FEET FROM CHESAPEAKE BAY TO SPESUTIE NARROWS, MD.
 PROJECT DEPTH: 15 FEET BELOW HAVRE DE GRACE; 8 FEET ABOVE HAVRE DE GRACE. PROJECT LENGTH: 4 MILES. NAVIGATION SEASON: ENTIRE YEAR.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	17,738	1982-----	219,159
1978-----	17,350	1983-----	345,142
1979-----	38,501	1984-----	404,240
1980-----	64,818	1985-----	574,895
1981-----	95,446	1986-----	707,047

Waterborne Commerce of the United States, 1986

SUSQUEHANNA RIVER ABOVE AND BELOW HAVRE DE GRACE, MD.--CONTINUED

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
TOTAL-----	707,047	92	706,955
0911 FRESH FISH, EXCEPT SHELLFISH-----	12	12	-----
0912 SHELLFISH, EXCEPT PREPARED-----	80	80	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	704,412	-----	704,412
3511 MACHINERY, EXCEPT ELECTRICAL-----	2,543	-----	2,543
TOTAL TON-MILES, 5,651,106.			

CHOPTANK RIVER, MD.

SECTION INCLUDED: FROM MOUTH TO GREENSBORO, MD. CONTROLLING DEPTH: 6 FEET TO DENTON AND 3.5 FEET TO GREENSBORO. PROJECT DEPTH: 8 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	300,325	1,644	1982-----	281,096	4,640
1978-----	191,171	1,312	1983-----	229,667	2,638
1979-----	359,429	11,842	1984-----	316,975	881
1980-----	247,226	13,410	1985-----	340,458	1,163
1981-----	282,453	5,308	1986-----	371,890	300

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL		
		INBOUND	THROUGH	DOWNBOUND
TOTAL-----	371,890	77,596	203,890	395
0911 FRESH FISH, EXCEPT SHELLFISH-----	25	-----	25	-----
0912 SHELLFISH, EXCEPT PREPARED-----	11,520	2,204	9,316	-----
0913 MENHADEN-----	2	-----	2	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	85,974	75,392	10,181	395
1442 SAND, GRAVEL, CRUSHED ROCK-----	244,202	-----	244,202	-----
2911 GASOLINE-----	2,267	-----	2,267	-----
2913 KEROSENE-----	1,006	-----	1,006	-----
2914 DISTILLATE FUEL OIL-----	21,926	-----	21,926	-----
2915 RESIDUAL FUEL OIL-----	4,968	-----	4,968	-----
TOTAL TON-MILES, 5,286,852.				

NANTICOKE RIVER (INCLUDING NORTHWEST FORK), DEL. AND MD.

SECTION INCLUDED: NANTICOKE RIVER FROM MOUTH TO SEAFORD, DEL.; NORTHWEST FORK FROM MOUTH TO FEDERALSBURG, MD. CONTROLLING DEPTH: NANTICOKE RIVER, 11.5 FEET TO HANKS NEST SHOAL; 12.0 FEET IN SEAFORD, DEL.; NORTHWEST FORK, 3 FEET. PROJECT DEPTH: NANTICOKE RIVER, 12 FEET TO SEAFORD, DEL.; NORTHWEST FORK, 6 FEET TO 0.5 MILE BELOW FEDERALSBURG, MD.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	501,014	1982-----	276,423
1978-----	472,929	1983-----	216,461
1979-----	510,183	1984-----	301,991
1980-----	361,185	1985-----	201,143
1981-----	234,749	1986-----	280,284

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
TOTAL-----	280,284	236,661	43,623
0102 BARLEY AND RYE-----	6,793	-----	6,793
0103 CORN-----	2,938	2,938	-----
0107 WHEAT-----	15,997	-----	15,997
0111 SOYBEANS-----	19,147	-----	19,147
0911 FRESH FISH, EXCEPT SHELLFISH-----	2	2	-----
0912 SHELLFISH, EXCEPT PREPARED-----	4,888	4,888	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	2,785	1,910	875

BALTIMORE, MD, DISTRICT

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NANTICOKE RIVER (INCLUDING NORTHWEST FORK), DEL. AND MD.--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
1442 SAND, GRAVEL, CRUSHED ROCK-----	7,416	7,416	-----
1492 SULPHUR, DRY-----	1,200	1,200	-----
1499 NONMETALLIC MINERALS, NEC-----	4,253	4,253	-----
2415 PULPMOOD, LOG-----	811	-----	811
2871 NITROGENOUS CHEM FERTILIZERS-----	2,650	2,650	-----
2872 POTASSIC CHEM FERTILIZERS-----	2,368	2,368	-----
2879 FERTILIZER AND MATERIALS, NEC-----	2,750	2,750	-----
2914 DISTILLATE FUEL OIL-----	32,376	32,376	-----
2915 RESIDUAL FUEL OIL-----	112,766	112,766	-----
2916 ASPHALT, TAN, AND PITCHES-----	62,040	62,040	-----
TOTAL TON-MILES, 9,252,034.			

NANTICOKE RIVER, MD., (EASTERN SHORE)

SECTION INCLUDED: FROM MOUTH TO SALISBURY, MD. CONTROLLING DEPTH: 12.0 FEET IN MAIN RIVER; BRANCH CHANNELS RANGE FROM 2 TO 10 FEET; 4.5 FEET TO AND IN BOAT BASIN AT WEBSTER COVE. PROJECT DEPTH: 14 FEET TO MAIN STREET BRIDGE AND IN PRONGS AT SALISBURY; 6 FEET TO AND IN SMALL BOAT BASIN AT WEBSTER COVE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	837,137	1982-----	709,188
1978-----	947,885	1983-----	687,651
1979-----	876,249	1984-----	727,254
1980-----	993,074	1985-----	696,823
1981-----	676,251	1986-----	809,378

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	INTERNAL	
		SHIPMENTS	INBOUND	OUTBOUND
TOTAL-----	800,378	24,222	774,363	1,793
0912 SHELLFISH, EXCEPT PREPARED-----	301	-----	301	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	1,258	-----	-----	1,258
1442 SAND, GRAVEL, CRUSHED ROCK-----	212,279	-----	212,279	-----
2911 GASOLINE-----	346,139	19,540	374,800	-----
2913 KEROSENE-----	7,042	-----	6,507	535
2914 DISTILLATE FUEL OIL-----	81,670	4,802	76,968	-----
2915 RESIDUAL FUEL OIL-----	103,689	-----	103,689	-----
TOTAL TON-MILES, 19,656,738.				

WASHINGTON HARBOR, D. C.

SECTION INCLUDED: ANACOSTIA RIVER, WASHINGTON CHANNEL AND VIRGINIA CHANNEL, CONTROLLING DEPTH: 17 FEET AT MAINES POINT, ANACOSTIA RIVER, 17.5 FEET FROM MOUTH TO 11TH STREET, BALANCE OF RIVER RANGES FROM 6 TO 16 FEET; WASHINGTON CHANNEL, 17 FEET FROM MAINES POINT TO 7TH STREET, 17 FEET TO 12TH STREET; VIRGINIA, 11.4 FEET FROM GIESBORD POINT TO KEY BRIDGE. PROJECT DEPTH: 24 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	1,537,085	398,207	1982-----	628,596	332,260
1978-----	1,371,884	-----	1983-----	583,907	298,918
1979-----	1,086,989	-----	1984-----	439,219	408,343
1980-----	857,951	100,317	1985-----	548,702	451,427
1981-----	722,656	351,930	1986-----	578,830	401,311

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		RECEIPTS	-----
TOTAL-----		578,830	
2912 JET FUEL-----		119,900	
2914 DISTILLATE FUEL OIL-----		230,600	
2915 RESIDUAL FUEL OIL-----		228,090	
2991 PETROLEUM AND COAL PROD, NEC-----		3,240	

Waterborne Commerce of the United States. 1986

ANACOSTIA RIVER, D.C. (INCLUDED IN WASHINGTON HARBOR, D.C.)

SECTION INCLUDED: MOUTH TO MAGRUDER BRIDGE, 6.6 MILES. CONTROLLING DEPTH: 17.5 FEET TO 11TH STREET BRIDGE, 2.1 MILES UPSTREAM OF MOUTH; BALANCE OF WATERWAY HANGES FROM 2 TO 16 FEET. PROJECT DEPTH: 24 FEET TO FOOT OF 15TH STREET S. E.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	1,536,957	1982-----	628,558
1978-----	1,367,147	1983-----	523,907
1979-----	1,086,949	1984-----	439,219
1980-----	857,951	1985-----	548,702
1981-----	722,656	1986-----	578,838

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	INTERNAL RECEIPTS
TOTAL-----	578,838
2912 JET FUEL-----	119,590
2914 DISTILLATE FUEL OIL-----	230,888
2915 RESIDUAL FUEL OIL-----	225,050
2991 PETROLEUM AND COAL PROD, NEC-----	3,310
TOTAL TON-MILES, 1,154,636.	

POTOMAC RIVER BELOW WASHINGTON, D. C.

SECTION INCLUDED: FROM MOUTH TO GIESBORO POINT AT WASHINGTON, D. C. 108 MILES. CONTROLLING DEPTH: KETTLE BOTTOM SHOAL 24 FEET; VANJEMOY BAR 21.7 FEET; MARYLAND PT. BAR 19.5 FEET; LIVERPOOL PT. 21.2 FEET; CHANNEL BETWEEN SANDY PT. AND QUANTICO 22.6 FEET; MATTANOMAN BAR 19.6 FEET; MARSHALL HALL BAR 22.3 FEET; HUNTING CREEK SHOAL 19.4 FEET; PROJECT DEPTH: 24 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	6,476,344	406,400	1982-----	2,418,191	254,390
1978-----	5,427,658		1983-----	2,605,389	121,653
1979-----	5,204,930		1984-----	3,406,232	133,731
1980-----	4,292,350	71,579	1985-----	3,838,268	331,038
1981-----	2,894,103	270,470	1986-----	3,667,183	369,252

FREIGHT TRAFFIC, 1986

OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC COASTWISE	
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS
TOTAL-----	956,780	718,384	722	175,131	62,543
1311 CRUDE PETROLEUM-----	104,521	104,521			
2431 VENEER, PLYWOOD, WORKED WOOD-----	554	554			
2621 STANDARD NEWSPRINT PAPER-----	155,926	155,926			
2631 PAPER AND PAPERBOARD-----	15,729	15,336	393		
2691 PULP AND PAPER PRODUCTS, NEC-----	22		22		
2891 MISCELLANEOUS CHEMICAL PROD-----	100	46	54		
2911 GASOLINE-----	32,974	18,001		12,970	2,003
2912 JET FUEL-----	53,662			53,662	
2914 DISTILLATE FUEL OIL-----	184,104	120,543		63,541	
2915 RESIDUAL FUEL OIL-----	335,947	301,522		26,960	7,465
2918 ASPHALT, TAR, AND BITUMENS-----	71,073			17,998	53,075
3291 MISC NONMETALLIC MINERAL PROD-----	27	27			
3315 IRON, STEEL SHAPES, EXC SHEET-----	69	69			
3321 NONFERROUS METALS, NEC-----	83	83			
3411 FABRICATED METAL PRODUCTS-----	32	32			
3511 MACHINERY, EXCEPT ELECTRICAL-----	1,881	1,693	188		
3711 MOTOR VEHICLES, PARTS, EQUIP-----	1	1			
4112 COMMODITIES, NEC-----	75	10	65		
TOTAL TON-MILES, OCEANGOING, 65,756,266.					

INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	INBOUND		OUTBOUND		UPBOUND	DOWNBOUND	INBOUND	
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
TOTAL-----	2,710,403	983,355	360	461,782	272,214	48,500	619	941,114	2,459
0911 FRESH FISH, EXCEPT SHELLFISH-----	21				20			1	
0912 SHELLFISH, EXCEPT PREPARED-----	11,011	1,400		880	6,406	2	619	1,704	

BALTIMORE, MD, DISTRICT

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POTOMAC RIVER BELOW WASHINGTON, D. C.--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

INTERNAL--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	INBOUND		OUTBOUND		UPBOUND	DOWNBOUND	THROUGH	
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
0913 MENHADEN-----	3,958	-----	-----	-----	3,951	-----	-----	7	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	26,907	21,425	360	-----	-----	-----	-----	4,759	363
1442 SAND, GRAVEL, CRUSHED ROCK-----	818,794	-----	-----	-----	-----	-----	-----	818,698	2,096
2911 GASOLINE-----	18,158	-----	-----	-----	18,158	-----	-----	-----	-----
2912 JET FUEL-----	331,722	74,748	-----	119,590	137,384	-----	-----	-----	-----
2914 DISTILLATE FUEL OIL-----	369,592	98,840	-----	146,072	33,440	6,384	-----	84,816	-----
2915 RESIDUAL FUEL OIL-----	843,424	564,720	-----	191,930	46,699	6,955	-----	33,120	-----
2918 ASPHALT, TAR, AND BITUMENS-----	283,497	222,142	-----	-----	26,156	35,159	-----	-----	-----
2991 PETROLEUM AND COAL PROD. NEC-----	3,310	-----	-----	3,310	-----	-----	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	9	-----	-----	-----	-----	-----	-----	9	-----
TON-MILES, INTERNAL.	160,918,683.								
TONS, ALL TRAFFIC.	3,667,183.								
TON-MILES, ALL TRAFFIC.	226,674,949.								

BRETON BAY, MD.

SECTION INCLUDED: FROM MOUTH TO LEONARDTOWN 6.25 MILES. CONTROLLING DEPTH: 9 FEET. PROJECT DEPTH: 10 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	47	1982-----	49,427
1978-----	501	1983-----	566,459
1979-----	-----	1984-----	794,977
1980-----	53	1985-----	999,564
1981-----	24	1986-----	818,698

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
TOTAL-----	819,596	802	818,794
0911 FRESH FISH, EXCEPT SHELLFISH-----	1	1	-----
0912 SHELLFISH, EXCEPT PREPARED-----	794	794	-----
0913 MENHADEN-----	7	7	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	818,794	-----	818,794
TOTAL TON-MILES.	4,917,072.		

OCCOQUAN CREEK, VA.

SECTION INCLUDED: FROM POTOMAC RIVER TO OCCOQUAN CREEK 6 MILES. 6 FEET DEEP AND 150 FEET WIDE FROM POTOMAC RIVER TO TAYLOR'S POINT AND THENCE 100 FEET WIDE TO END OF PROJECT. CONTROLLING DEPTH: 6 FEET. PROJECT DEPTH: 6 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	-----	1982-----	49,427
1978-----	-----	1983-----	564,262
1979-----	-----	1984-----	794,977
1980-----	-----	1985-----	999,564
1981-----	-----	1986-----	818,698

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY		INTERNAL	
		INBOUND	OUTBOUND
1442 SAND, GRAVEL, CRUSHED ROCK-----		-----	818,698
TOTAL TON-MILES.	4,900,188.		

Waterborne Commerce of the United States, 1986

OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT				
ANNAPOLIS HARBOR, MD.	NO COMMERCE REPORTED			331,720
AQUIA CREEK, VA.	NO COMMERCE REPORTED			
BACK CREEK, ANNE ARUNDEL COUNTY, MD.	0911 FRESH FISH, EXCEPT SHELLFISH----- 0912 SHELLFISH, EXCEPT PREPARED----- TOTAL-----	2 598 550		
BETTENTON HARBOR, MD.	NO COMMERCE REPORTED		550	
BLACK WALNUT HARBOR, MD.	NO COMMERCE REPORTED			
BONUM CREEK, VA.	NO COMMERCE REPORTED			
BRANSON'S COVE, VA.	0912 SHELLFISH, EXCEPT PREPARED----- 0931 MARINE SHELLS, UNMANUFACTURED----- TOTAL-----	411 1,840 1,930		
BROAD CREEK RIVER, DEL.	NO COMMERCE REPORTED		1,930	
BROAD CREEK, SOMERSET COUNTY, MD.	NO COMMERCE REPORTED			
BROADWATER CREEK, MD.	NO COMMERCE REPORTED			
CADLE CREEK, MD.	NO COMMERCE REPORTED			
CAMBRIDGE HARBOR, MD.	0911 FRESH FISH, EXCEPT SHELLFISH----- 0912 SHELLFISH, EXCEPT PREPARED----- 0913 MENHADEN----- 1442 SAND, GRAVEL, CRUSHED ROCK----- TOTAL-----	25 7,049 2 97,074 104,190		
CHANNEL TO ISLAND CREEK, ST. GEORGE ISLAND, MD.	NO COMMERCE REPORTED		104,190	300
CHESTER RIVER, MD.	0911 FRESH FISH, EXCEPT SHELLFISH----- 0912 SHELLFISH, EXCEPT PREPARED----- 0931 MARINE SHELLS, UNMANUFACTURED----- TOTAL-----	9 3,044 16,821 19,874		
CLAIBORNE HARBOR, MD.	NO COMMERCE REPORTED		122,455	1,000
COAN RIVER, VA.	0911 FRESH FISH, EXCEPT SHELLFISH----- 0912 SHELLFISH, EXCEPT PREPARED----- 0913 MENHADEN----- TOTAL-----	1 2,404 45 2,450		
CORSICA RIVER, MD.	NO COMMERCE REPORTED		4,908	
CRISFIELD HARBOR, MD.	0911 FRESH FISH, EXCEPT SHELLFISH----- 0912 SHELLFISH, EXCEPT PREPARED----- 0913 MENHADEN----- 0931 MARINE SHELLS, UNMANUFACTURED----- 2094 GROCERIES----- 3411 FABRICATED METAL PRODUCTS----- 4112 COMMODITIES, NEC----- TOTAL-----	86 23,156 162 75 54 27 36 23,596		
CUCKOLD CREEK, MD.	NO COMMERCE REPORTED		102,346	18,099
DUCK POINT COVE, MD.	0911 FRESH FISH, EXCEPT SHELLFISH----- 0912 SHELLFISH, EXCEPT PREPARED----- 0913 MENHADEN----- TOTAL-----	1 900 1,800 2,701		
ELK AND LITTLE ELK RIVERS, MD.	NO COMMERCE REPORTED		2,701	
FISHING BAY TRIBUTARIES, DORCHESTER COUNTY, MD.	0911 FRESH FISH, EXCEPT SHELLFISH----- 0912 SHELLFISH, EXCEPT PREPARED----- 0931 MARINE SHELLS, UNMANUFACTURED----- TOTAL-----	3 7,172 6,162 15,337		
FISHING CREEK, CALVERT COUNTY, MD.	NO COMMERCE REPORTED		70,829	
GOOSE CREEK, SOMERSET COUNTY, MD.	0912 SHELLFISH, EXCEPT PREPARED-----	878	878	
HERRING BAY AND ROCKHOLD CREEK, MD.	NO COMMERCE REPORTED			
HERRING CREEK, MD.	NO COMMERCE REPORTED			
HONGA RIVER AND TAR RAY, MD.	0911 FRESH FISH, EXCEPT SHELLFISH----- 0912 SHELLFISH, EXCEPT PREPARED----- 0913 MENHADEN----- 0931 MARINE SHELLS, UNMANUFACTURED----- TOTAL-----	5 9,547 116 8,806 18,474		
ISLAND CREEK, MD.	NO COMMERCE REPORTED		29,828	
KNAPPS HARBOR, MD.	0912 SHELLFISH, EXCEPT PREPARED----- 0931 MARINE SHELLS, UNMANUFACTURED----- TOTAL-----	3,240 3,922 7,162		
			11,088	

BALTIMORE, MD, DISTRICT
OTHER HARBORS AND WATERWAYS--CONTINUED

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HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT--CONTINUED				
LITTLE CREEK, QUEEN ANNES COUNTY, MD.	NO COMMERCE REPORTED			
LITTLE PATOMAC RIVER, VA.				18,154
LUNER MACHODON CREEK, VA.	0911 FRESH FISH, EXCEPT SHELLFISH----- 0912 SHELLFISH, EXCEPT PREPARED----- 0931 MARINE SHELLS, UNMANUFACTURED-----	1 599 3,377		
	TOTAL-----	3,977	9,444	
LUNER THROUGHFARE AT THE SHAR PENNA, PLAL ISLAND, MD.	0911 FRESH FISH, EXCEPT SHELLFISH----- 0912 SHELLFISH, EXCEPT PREPARED-----	2 844		
	TOTAL-----	851	451	
LUNES HARF, TALBOT COUNTY, MD.	NO COMMERCE REPORTED			
MANKIN RIVER, MD.	0912 SHELLFISH, EXCEPT PREPARED-----	3,392	5,906	
MIDDLE RIVER AND DARK HEAD CREEK, MD.	0931 MARINE SHELLS, UNMANUFACTURED-----	71,057	71,057	
MILL CREEK, MD.	NO COMMERCE REPORTED			
MUNDOE BAY AND CREEK, VA.	0912 SHELLFISH, EXCEPT PREPARED----- 0931 MARINE SHELLS, UNMANUFACTURED-----	443 360		
	TOTAL-----	1,240	1,240	
MUDDY HOOK AND TYLER COVES, MD.	NO COMMERCE REPORTED			
VAN COVE, MD.	NO COMMERCE REPORTED			
VANTICONE RIVER AT ATVALVE, MD.	NO COMMERCE REPORTED			
VANTICONE RIVER AT VANTICONE, MD.	0911 FRESH FISH, EXCEPT SHELLFISH----- 0912 SHELLFISH, EXCEPT PREPARED----- 0931 MARINE SHELLS, UNMANUFACTURED-----	2 4,000 2,745		
	TOTAL-----	6,747		
NEALE SOUND, MD.	0912 SHELLFISH, EXCEPT PREPARED----- 0931 MARINE SHELLS, UNMANUFACTURED-----	387 238		
	TOTAL-----	625	625	
NOMINI BAY AND CREEK, VA.	0912 SHELLFISH, EXCEPT PREPARED----- 0931 MARINE SHELLS, UNMANUFACTURED-----	1,544 225		
	TOTAL-----	1,813	3,559	
NORTHEAST RIVER, MD.	NO COMMERCE REPORTED			
OCEAN CITY HARBOR AND INLET AND SINEPUXENT BAY, MD.	0911 FRESH FISH, EXCEPT SHELLFISH----- 0912 SHELLFISH, EXCEPT PREPARED-----	719 46,222		
	TOTAL-----	46,941	573,537	5,164
PARISH CREEK, MD.	0911 FRESH FISH, EXCEPT SHELLFISH----- 0912 SHELLFISH, EXCEPT PREPARED----- 0913 MENHADEN----- 0931 MARINE SHELLS, UNMANUFACTURED-----	3 740 7 125		
	TOTAL-----	875	875	
PATUXENT RIVER, MD.	0911 FRESH FISH, EXCEPT SHELLFISH----- 0912 SHELLFISH, EXCEPT PREPARED----- 0931 MARINE SHELLS, UNMANUFACTURED----- 2911 GASOLINE----- 2912 JET FUEL----- 2915 RESIDUAL FUEL OIL----- 3711 MOTOR VEHICLES, PARTS, EQUIP-----	1 3,906 6,065 11,345 48,476 12,735 9		
	TOTAL-----	82,537	357,102	
POCOMOKE RIVER, MD.	0931 MARINE SHELLS, UNMANUFACTURED----- 2411 LOGS----- 2416 WOOD CHIPS, STAVES, MOLDINGS-----	3,737 21,950 158,953		
	TOTAL-----	184,640	2,954,240	
POTOMAC RIVER AT ALEXANDRIA, VA.	2431 VENEER, PLYWOOD, WORKED WOOD----- 2621 STANDARD NEWSPRINT PAPER----- 2631 PAPER AND PAPERBOARD----- 2691 PULP AND PAPER PRODUCTS, NEC----- 2891 MISCELLANEOUS CHEMICAL PROD----- 3315 IRON, STEEL SHAPES, EXC SHEET----- 3321 NONFERROUS METALS, NEC----- 3411 FABRICATED METAL PRODUCTS----- 3511 MACHINERY, EXCEPT ELECTRICAL----- 3711 MOTOR VEHICLES, PARTS, EQUIP----- 4112 COMMODITIES, NEC-----	554 155,926 15,729 22 100 69 83 32 1,881 1 75		
	TOTAL-----	174,472		2,024
POTOMAC RIVER AT LOWER CEDAR POINT, MD.	NO COMMERCE REPORTED			
POTOMAC RIVER AT MT. VERNON, VA.				387,538

Waterborne Commerce of the United States, 1986

OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT--CONTINUED				
POTOMAC RIVER, VIRGINIA CHANNEL, D. C. (INCLUDED IN WASHINGTON HARBOR, D. C.)				13,773
POTOMAC RIVER, WASHINGTON CHANNEL, D. C. (INCLUDED IN REPORT FOR WASHINGTON HARBOR, D. C.)				396,720
QUEENSTOWN HARBOR, MD.	NO COMMERCE REPORTED			
RHODES POINT TO TYLERTON, SOMERSET COUNTY, MD.	NO COMMERCE REPORTED			
ROCK HALL HARBOR, MD.	0911 FRESH FISH, EXCEPT SHELLFISH	2		
	0912 SHELLFISH, EXCEPT PREPARED	343		
	TOTAL	345	585	
SLAUGHTER CREEK, MD.	0912 SHELLFISH, EXCEPT PREPARED	592	1,776	
SMITH CREEK, MD.	NO COMMERCE REPORTED			
ST. CATHERINES SOUND, MD.	NO COMMERCE REPORTED			
ST. JEROME CREEK, MD.	NO COMMERCE REPORTED			
ST. MICHAELS HARBOR, MD.	0912 SHELLFISH, EXCEPT PREPARED	1,648		
	0931 MARINE SHELLS, UNMANUFACTURED	10		
	TOTAL	1,658	1,658	13,146
ST. PATRICKS CREEK, MD.	0912 SHELLFISH, EXCEPT PREPARED	480		
	0931 MARINE SHELLS, UNMANUFACTURED	125		
	TOTAL	565	565	
ST. PETERS CREEK, MD.	NO COMMERCE REPORTED			
TILGHMAN ISLAND HARBOR, MD.	NO COMMERCE REPORTED			
TONN CREEK, MD.	NO COMMERCE REPORTED			
TRED AVON RIVER, MD.	0912 SHELLFISH, EXCEPT PREPARED	2,027		
	0931 MARINE SHELLS, UNMANUFACTURED	5,198		
	1402 SAND, GRAVEL, CRUSHED ROCK	147,128		
	2911 GASOLINE	2,267		
	2913 KEROSENE	1,006		
	2914 DISTILLATE FUEL OIL	21,926		
	2915 RESIDUAL FUEL OIL	4,968		
	TOTAL	142,520	1,789,696	121,871
TRITCH COVE AND BIG THOROUGHFARE RIVER, MD.	0912 SHELLFISH, EXCEPT PREPARED	563		
	0931 MARINE SHELLS, UNMANUFACTURED	28,217		
	2090 GROCERIES	84		
	2911 GASOLINE	341		
	2913 KEROSENE	196		
	2914 DISTILLATE FUEL OIL	924		
	3411 FARRICATED METAL PRODUCTS	27		
	4112 COMMODITIES, NEC	10		
	TOTAL	30,364	62,626	203
TYASKIN CREEK, MD.	NO COMMERCE REPORTED			
UPPER WACHODOC CREEK, VA.	3711 MOTOR VEHICLES, PARTS, EQUIP	9	9	
UPPER THOROUGHFARE, DEAL ISLAND, MD.	0912 SHELLFISH, EXCEPT PREPARED	20,204		
	0931 MARINE SHELLS, UNMANUFACTURED	6,422		
	TOTAL	26,626	26,626	
WARRICK RIVER, MD.	0912 SHELLFISH, EXCEPT PREPARED	200		
	0931 MARINE SHELLS, UNMANUFACTURED	375		
	TOTAL	575	1,150	
WATERWAY FROM LITTLE CHOPTANK RIVER TO CHOPTANK RIVER, MD.	NO COMMERCE REPORTED			

NORFOLK, VA, DISTRICT

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NORFOLK HARBOR, VA.

SECTION INCLUDED: FROM 55-FOOT CONTOUR IN HAMPTON ROADS TO NORFOLK & WESTERN (FORMERLY VIRGINIA) RAILWAY BRIDGE CROSSING SOUTHERN BRANCH OF ELIZABETH RIVER, 14.78 MILES; THENCE UPSTREAM IN SOUTHERN BRANCH, 4.61 MILES. IN EASTERN BRANCH, 2.54 MILES UPSTREAM FROM THE MOUTH OF THAT BRANCH; IN WESTERN BRANCH, 1.78 MILES UPSTREAM FROM THE MOUTH OF THAT BRANCH; AND 0.73 MILES IN SCOTTS CREEK. CONTROLLING DEPTH: FROM THE 55 FOOT CONTOUR IN HAMPTON ROADS TO LAMBERT POINT, OUTBOUND HALF 45.0 FEET, INBOUND HALF, 45.0 FEET; LAMBERT POINT TO NORFOLK & WESTERN (FORMERLY VIRGINIA) RAILWAY BRIDGE CROSSING SOUTHERN BRANCH, 40 FEET; BRANCH CHANNELS RANGE FROM 5.0 TO 35.0 FEET. PROJECT DEPTH: FROM THE 55 FOOT CONTOUR IN HAMPTON ROADS TO LAMBERT POINT, 55 FEET; FROM LAMBERT POINT TO THE NORFOLK & WESTERN (FORMERLY VIRGINIA) RAILWAY BRIDGE CROSSING SOUTHERN BRANCH, 45 FEET; BRANCH CHANNELS RANGE FROM 12 TO 40 FEET. ANCHORAGES: TWO ANCHORAGES OPPOSITE SEWELLS POINT, 45 FEET DEEP OVER A SWINGING RADIUS OF 1,200 FEET, THE WEST ANCHORAGE MAINTAINED TO 40 FEET DEEP. ANCHORAGE AREA ON THE WEST SIDE OF THE 45-FOOT CHANNEL OPPOSITE LAMBERTS POINT TOTALLING 173 ACRES CONSISTING OF 1-1500 S.F., AREA 38 FT. DEEP; 1-1500 SF AREA 35 FT. DEEP; 1-3000 FT BY 1000 FT. AREA 20 FEET, AND A 45 ACRE AREA 12 FT. DEEP AT PINNERS POINT.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1977-----	43,862,200	61,132	482,666	1982-----	55,294,916	60,600	416,859
1978-----	34,018,870	53,442	463,593	1983-----	42,967,830	320	457,706
1979-----	48,650,778	45,837	502,524	1984-----	44,897,403	2,408	419,154
1980-----	54,217,591	44,745	459,623	1985-----	47,130,824	200,946	356,031
1981-----	52,897,674	84,861	543,924	1986-----	44,069,234	172,410	311,331

NOTE: PASSENGER TOTALS ABOVE INCLUDE FERRY PASSENGERS.

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	44,069,234	4,761,396	28,697,214	816,861	1,869,256	4,280,443	2,879,954	764,110
0101 COTTON, RAW-----	172	12	160					
0102 BARLEY AND RYE-----	48,756		41,963			6,793		
0103 CORN-----	993,952	0	943,898			41,960	2,930	5,156
0104 OATS-----	198		198					
0105 RICE-----	1,110	312	798					
0106 SORGHUM GRAINS-----	196		196					
0107 WHEAT-----	652,773		596,292			56,481		
0111 SOYBEANS-----	964,682		877,482		41	83,292		3,867
0119 OILSEEDS, NEC-----	30,778	342	30,436					
0121 TOBACCO, LEAF-----	168,107	46,294	121,813					
0129 FIELD CROPS, NEC-----	7,237	973	6,264					
0131 FRESH FRUITS-----	2,593	015	2,178					
0132 BANANAS AND PLANTAINS-----	24	24						
0133 COFFEE-----	5,195	5,193	2					
0134 COCOA BEANS-----	59,944	58,710	1,234					
0141 FRESH AND FROZEN VEGETABLES-----	3,559	1,835	1,724					
0161 ANIMALS AND PRODUCTS, NEC-----	12,953	6,490	6,463					
0191 MISCELLANEOUS FARM PRODUCTS-----	3,030	2,570	455		5			
0841 CRUDE RUBBER AND ALLIED GUMS-----	192,879	191,726	1,153					
0861 FOREST PRODUCTS, NEC-----	8,433	7,725	708					
0911 FRESH FISH, EXCEPT SHELLFISH-----	12,591	12,457	134					
0912 SHELLFISH, EXCEPT PREPARED-----	2,677	2,096	181					
0931 MARINE SHELLS, UNMANUFACTURED-----	76	32	44					
1051 ALUMINUM ORES, CONCENTRATES-----	429,428	428,971	457					
1061 MANGANESE ORES, CONCENTRATES-----	17,920	17,920						
1091 NONFERROUS ORES, CONCENT, NEC-----	5,467	5,088	379					
1121 COAL AND LIGNITE-----	27,159,390	28	24,177,533		1,767,132		1,214,697	
1311 CRUDE PETROLEUM-----	80,030	204		14,294			63,532	
1411 LIMESTONE-----	22		22					
1412 BUILDING STONE, UNWORKED-----	22		22					
1442 SAND, GRAVEL, CRUSHED ROCK-----	2,674,036	31,610	3,853			2,635,407	3,166	
1451 CLAY-----	126,958	124,956	2,002					
1471 PHOSPHATE ROCK-----	38							
1491 SALT-----	84,953	84,935	18					
1492 SULPHUR, DRY-----	278		278					
1494 GYPSUM, CRUDE AND PLASTERS-----	336,676	336,146	530					
1499 NONMETALLIC MINERALS, NEC-----	272,002	258,109	9,640				4,253	
1911 ORNANCE AND ACCESSORIES-----	1,797	1,786	11					
2011 MEAT, FRESH, CHILLED, FROZEN-----	29,427	8,248	21,179					
2012 MEAT AND PRODUCTS, NEC-----	1,734	1,187	547					
2014 TALLOW, ANIMAL FATS AND OIL-----	18,737		18,737					
2015 ANIMAL BY-PRODUCTS, NEC-----	4,972	564	4,408					
2021 DAIRY PRODUCTS, NEC-----	1,081	1,018	63					
2022 DRIED MILK AND CREAM-----	7,131	325	6,806					
2031 FISH AND SHELLFISH, PREPARED-----	5,596	5,108	488					
2034 VEGETABLES AND PREP, NEC-----	47,183	45,571	1,612					
2039 PREP FRUIT AND VEG JUICE, NEC-----	36,828	34,525	2,303					
2041 WHEAT FLOUR AND SEMOLINA-----	1,004	1,004						
2042 ANIMAL FEEDS-----	25,909	22,357	3,552					
2049 GRAIN MILL PRODUCTS, NEC-----	335,920	3,019	332,901					
2061 SUGAR-----	71		71					
2062 MOLASSES-----	2							
2081 ALCOHOLIC BEVERAGES-----	144,037	134,450	9,587					
2091 VEGETABLE OILS, MARG, SHORT-----	76,062	3,138	70,859					
2092 ANIMAL OILS AND FATS, NEC-----	6,070	14	6,056			2,065		
2095 ICE-----	12,527	12,527						
2099 MISCELLANEOUS FOOD PRODUCTS-----	36,999	26,930	10,069					
2111 TOBACCO MANUFACTURES-----	62,515	1,708	60,795			12		
2211 BASIC TEXTILE PRODUCTS-----	116,608	34,754	81,851		3			
2212 TEXTILE FIBERS, NEC-----	2,843	2,831	12					
2311 APPAREL-----	4,559	3,194	1,365					

Waterborne Commerce of the United States, 1986

NORFOLK HARBOR, VA.--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
2411 LOGS-----	54,058	2,844	51,212	-----	-----	-----	-----	-----
2413 FUEL OIL, CHARCOAL, WASTES-----	125	-----	125	-----	-----	-----	-----	-----
2414 TIMBER, POSTS, POLES, PILING-----	1,165	-----	365	-----	-----	-----	800	-----
2416 WOOD CHIPS, STAVES, MOLDINGS-----	488	8	480	-----	-----	-----	-----	-----
2421 LUMBER-----	87,554	6,802	80,752	-----	-----	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	159,676	133,367	6,329	-----	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	14,674	9,039	5,635	20	-----	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	44,601	43,023	1,563	-----	-----	-----	-----	-----
2611 PULP-----	92,744	-----	92,374	-----	414	-----	-----	-----
2621 STANDARD NEWSPRINT PAPER-----	5,086	2,983	105	-----	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	120,725	67,471	53,254	-----	-----	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	14,807	8,094	6,713	-----	-----	-----	-----	-----
2711 PRINTED MATTER-----	7,112	3,264	3,765	83	-----	-----	-----	-----
2810 SODIUM HYDROXIDE-----	6,739	-----	4,300	-----	-----	2,439	-----	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	18,707	18,692	15	-----	-----	-----	-----	-----
2812 DYES, PIGMENT, TANNING MATS-----	290	-----	290	-----	-----	-----	-----	-----
2813 ALCOHOLS-----	21,004	20,466	936	-----	-----	-----	-----	-----
2816 RADIOACTIVE MATERIALS, WASTES-----	5,841	3,767	2,072	-----	-----	-----	-----	-----
2817 BENZENE AND TOLUENE-----	67	-----	46	-----	-----	-----	-----	-----
2818 SULPHURIC ACID-----	36,156	-----	1,200	-----	-----	34,956	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	158,609	99,258	54,341	-----	-----	-----	5,050	-----
2821 PLASTIC MATERIALS-----	105,394	24,374	81,016	-----	-----	-----	-----	-----
2822 SYNTHETIC RUBBER-----	23,415	1,196	22,219	-----	-----	-----	-----	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	47,726	3,346	44,380	-----	-----	-----	-----	-----
2831 DRUGS-----	13,783	11,033	2,750	-----	-----	-----	-----	-----
2841 SOAP-----	6,873	3,947	6,926	-----	-----	-----	-----	-----
2851 PAINTS-----	21,787	19,689	2,098	-----	-----	-----	-----	-----
2861 GUM AND WOOD CHEMICALS-----	2,113	290	1,823	-----	-----	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	73,350	150,989	153,079	26,262	-----	393,002	3,381	6,637
2872 POTASSIC CHEM FERTILIZERS-----	107,673	106,522	1,151	-----	-----	-----	-----	-----
2876 INSECTICIDES, DISINFECTANTS-----	14,429	1,011	13,418	-----	-----	-----	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	7,635	754	1,281	-----	-----	4,400	1,200	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	50,716	38,305	12,389	22	-----	-----	-----	-----
2911 GASOLINE-----	465,482	-----	691	4,540	9,931	280,112	164,066	6,142
2912 JET FUEL-----	321,410	-----	-----	30,000	-----	31,015	218,277	42,118
2913 KEROSENE-----	18,445	-----	-----	-----	-----	10,840	1,455	6,150
2914 DISTILLATE FUEL OIL-----	1,077,623	-----	11	130,411	74,574	150,148	472,556	249,941
2915 RESIDUAL FUEL OIL-----	2,541,707	641,621	-----	467,714	8,041	349,942	683,666	390,941
2916 LUBRICATING OILS AND GREASES-----	53,470	388	6,550	41,991	-----	-----	700	3,741
2917 NAPHTHA, PETROLEUM SOLVENTS-----	252	-----	-----	-----	-----	252	-----	-----
2918 ASPHALT, TAR, AND BITUMENS-----	195,671	89,019	298	73,449	-----	28,039	4,466	-----
2920 COKE, PETROLEUM COKE-----	52,368	-----	52,368	-----	-----	-----	-----	-----
2921 LIQUEFIED GASES-----	46,111	42,875	3,236	-----	-----	-----	-----	-----
2951 ASPHALT BUILDING MATERIALS-----	308	-----	308	-----	-----	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	20,654	3,278	2,705	-----	-----	1,806	7,948	4,917
3011 RUBBER AND MISC PLASTIC PROD-----	54,195	44,262	9,406	514	3	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	10,090	5,955	4,128	7	-----	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	20,769	14,152	6,617	-----	-----	-----	-----	-----
3241 BUILDING CEMENT-----	540,592	372,029	935	17,463	-----	150,165	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	32,834	27,512	5,322	-----	-----	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	13,095	12,985	110	-----	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	29,060	13,285	5,353	-----	16	-----	10,404	-----
3311 PIG IRON-----	828	-----	-----	-----	-----	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	37,991	37,870	121	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	22,154	21,103	917	112	-----	-----	22	-----
3316 IRON AND STEEL PLATS, SHEETS-----	14,494	3	14,241	-----	-----	250	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	7,258	5,522	1,714	22	-----	-----	-----	-----
3318 FERROALLOYS-----	2,175	1,934	241	-----	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	15,923	14,941	982	-----	-----	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	8,880	7,411	1,469	-----	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	9,841	8,444	1,397	-----	-----	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	203	22	181	-----	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	11,571	8,436	3,135	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	112,038	95,260	16,059	163	56	25	471	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	354,604	250,391	100,856	1,200	84	1,223	850	-----
3611 ELECTRICAL MACH AND EQUIP-----	48,609	28,043	19,832	620	-----	7	112	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	269,581	235,795	33,766	-----	-----	-----	-----	18
3721 AIRCRAFT AND PARTS-----	634	141	440	-----	-----	53	-----	-----
3731 SHIPS AND BOATS-----	2,621	1,902	579	-----	140	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	4,134	3,293	631	-----	10	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	5,445	3,665	1,640	-----	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	14,543	11,012	1,461	-----	-----	2,070	-----	-----
4011 IRON AND STEEL SCRAP-----	143,138	-----	137,351	-----	-----	-----	5,807	-----
4012 NONFERROUS METAL SCRAP-----	31,616	104	31,506	-----	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	12,496	31	12,467	-----	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	36,971	-----	36,971	-----	-----	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	5,330	-----	-----	-----	-----	2,150	3,180	-----
4111 WATER-----	45,500	-----	-----	-----	-----	-----	1,000	44,500
4112 COMMODITIES, NEC-----	47,365	9,588	11,137	64	8,787	11,806	6,163	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	4,816	-----	4,816	-----	-----	-----	-----	-----
TOTAL TON-MILES, 493,432,875.								

NORFOLK, VA, DISTRICT

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NEWPORT NEWS CREEK, VA.
(INCLUDED IN PORT OF NEWPORT NEWS, VA.)

SECTION INCLUDED: A CHANNEL 12 FEET DEEP AT MEAN LOW WATER WITH VARYING WIDTHS FROM 200 FEET TO 60 FEET FROM DEEP WATER IN HAMPTON ROADS TO AND THRU THE MUNICIPAL PORT HARBOR (NEWPORT NEWS CREEK) ENTRANCE; THENCE 12 FEET DEEP AT MEAN LOW WATER, 150 FEET WIDE TO AND INCLUDING A TURNING BASIN AND ANCHORAGE OF THE SAME DEPTH 200 FEET WIDE AND 400 FEET LONG IN THE UPPER END OF THE HARBOR. APPROXIMATE MEAN RANGE OF TIDE 2.6 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	138,490	1982-----	159,917
1978-----	154,354	1983-----	224,013
1979-----	171,591	1984-----	214,615
1980-----	151,647	1985-----	268,327
1981-----	134,460	1986-----	304,160

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND UPBOUND	OUTBOUND DOWNBOUND
TOTAL-----	304,160	303,824	336
0912 SMELFISH, EXCEPT PREPARED-----	640	640	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	274,686	274,686	-----
2910 DISTILLATE FUEL OIL-----	28,834	28,498	336
TOTAL TON-MILES, 304,160.			

HAMPTON ROADS, VA.

SECTION INCLUDED: NORFOLK HARBOR, PORT OF NEWPORT NEWS (INCLUDING NEWPORT NEWS CREEK), HAMPTON CREEK, AND CHANNEL FROM PHOEBUS TO DEEP-WATER IN HAMPTON ROADS, VA.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1977-----	52,370,666	185,931	2,007,153	1982-----	76,161,558	60,522	1,911,570
1978-----	41,025,451	117,530	2,317,476	1983-----	56,684,791	320	2,469,326
1979-----	59,990,945	122,471	2,538,728	1984-----	60,649,172	2,480	2,785,989
1980-----	74,832,060	181,431	2,598,043	1985-----	66,619,498	200,946	2,645,962
1981-----	71,196,902	84,706	2,192,669	1986-----	62,738,062	176,930	3,313,600

HAMPTON ROADS:

	TONS
HAMPTON CREEK, VA.-----	524,507
NORFOLK HARBOR, VA.-----	44,069,234
PORT OF NEWPORT NEWS, VA.-----	18,531,914
CHANNEL FROM PHOEBUS TO DEEP WATER IN HAMPTON ROADS, VA.-----	-----
TOTAL GROSS, UNADJUSTED-----	63,125,155
NET VOLUME AFTER ELIMINATING DUPLICATION WITHIN THE AREA OF HAMPTON ROADS, VA.-----	62,738,062

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	62,738,062	5,838,320	44,349,731	819,080	2,021,885	5,073,131	3,457,936	1,177,979
0101 COTTON, RAW-----	172	12	160	-----	-----	-----	-----	-----
0102 BARLEY AND RYE-----	48,756	-----	41,963	-----	-----	6,793	-----	-----
0103 CORN-----	997,429	8	947,375	-----	-----	41,960	2,930	5,156
0104 OATS-----	196	-----	196	-----	-----	-----	-----	-----
0105 RICE-----	1,134	312	822	-----	-----	-----	-----	-----
0106 SORGHUM GRAINS-----	196	-----	196	-----	-----	-----	-----	-----
0107 WHEAT-----	652,773	-----	596,292	-----	-----	56,481	-----	-----
0111 SOYBEANS-----	964,682	-----	877,482	-----	41	83,292	-----	3,867
0119 GILSEEDS, NEC-----	30,618	342	30,476	-----	-----	-----	-----	-----
0121 TOBACCO, LEAF-----	169,974	47,984	121,990	-----	-----	-----	-----	-----
0129 FIELD CROPS, NEC-----	7,321	1,057	6,264	-----	-----	-----	-----	-----
0131 FRESH FRUITS-----	2,653	415	2,238	-----	-----	-----	-----	-----
0132 BANANAS AND PLANTAINS-----	24	24	-----	-----	-----	-----	-----	-----
0133 COFFEE-----	8,642	8,037	5	-----	-----	-----	-----	-----
0134 COCOA BEANS-----	60,076	58,822	1,254	-----	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	3,593	1,857	1,736	-----	-----	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	13,351	8,865	4,486	-----	-----	-----	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	3,030	2,570	455	5	-----	-----	-----	-----
3841 CRUDE RUBBER AND ALLIED GUMS-----	325,427	324,157	1,270	-----	-----	-----	-----	-----
0861 FOREST PRODUCTS, NEC-----	8,484	7,731	753	-----	-----	-----	-----	-----

HAMPTON ROADS, VA.--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
0911 FRESH FISH, EXCEPT SHELLFISH-----	12,637	12,495	142	-----	-----	-----	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	4,585	2,500	181	-----	-----	1,904	-----	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	76	32	44	-----	-----	-----	-----	-----
1051 ALUMINUM DRES, CONCENTRATES-----	429,429	428,971	456	-----	-----	-----	-----	-----
1061 MANGANESE DRES, CONCENTRATES-----	18,210	17,920	290	-----	-----	-----	-----	-----
1091 NONFERROUS DRES, CONCENT, NEC-----	5,467	5,088	379	-----	-----	-----	-----	-----
1121 COAL AND LIGNITE-----	43,346,670	28	39,617,601	-----	1,912,934	-----	1,816,307	-----
1131 CRUDE PETROLEUM-----	377,603	247,777	-----	16,294	-----	-----	63,532	-----
1411 LIMESTONE-----	22	22	22	-----	-----	-----	-----	-----
1412 BUILDING STONE, UNWORKED-----	22	22	22	-----	-----	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	3,449,120	31,610	4,070	-----	-----	3,410,274	3,166	-----
1451 CLAY-----	126,956	124,956	2,002	-----	-----	-----	-----	-----
1471 PHOSPHATE ROCK-----	38	38	38	-----	-----	-----	-----	-----
1491 SALT-----	84,955	84,955	18	-----	-----	-----	-----	-----
1492 SULPHUR, DRY-----	401	401	401	-----	-----	-----	-----	-----
1499 GYPSUM, CRUDE AND PLASTERS-----	336,741	336,146	595	-----	-----	-----	-----	-----
1999 NONMETALLIC MINERALS, NEC-----	278,366	264,464	9,649	-----	-----	-----	4,253	-----
1911 ORDNANCE AND ACCESSORIES-----	1,797	1,766	11	-----	-----	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	30,395	8,248	22,147	-----	-----	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	1,795	1,209	586	-----	-----	-----	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	16,737	-----	18,737	-----	-----	-----	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	5,293	812	4,481	-----	-----	-----	-----	-----
2021 DAIRY PRODUCTS, NEC-----	1,137	1,018	119	-----	-----	-----	-----	-----
2022 DRIED MILK AND CREAM-----	8,956	325	8,631	-----	-----	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	5,601	5,108	493	-----	-----	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	47,750	45,825	1,925	-----	-----	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	37,349	35,012	2,337	-----	-----	-----	-----	-----
2041 WHEAT FLOUR AND SEMOLINA-----	1,026	-----	1,026	-----	-----	-----	-----	-----
2042 ANIMAL FEEDS-----	25,963	22,557	3,406	-----	-----	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	336,015	3,026	332,989	-----	-----	-----	-----	-----
2061 SUGAR-----	97	97	97	-----	-----	-----	-----	-----
2062 MOLASSES-----	2	2	2	-----	-----	-----	-----	-----
2081 ALCOHOLIC BEVERAGES-----	104,247	134,584	9,663	-----	-----	-----	-----	-----
2091 VEGETABLE OILS, MARG, SHORT-----	77,602	3,164	72,373	-----	-----	2,065	-----	-----
2092 ANIMAL OILS AND FATS, NEC-----	6,070	14	6,056	-----	-----	-----	-----	-----
2095 ICE-----	12,527	12,527	-----	-----	-----	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	38,421	27,533	10,888	-----	-----	-----	-----	-----
2111 TOBACCO MANUFACTURES-----	66,153	1,708	64,433	-----	12	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	125,463	37,264	88,176	3	-----	-----	-----	-----
2212 TEXTILE FIBERS, NEC-----	2,844	2,832	12	-----	-----	-----	-----	-----
2311 APPAREL-----	4,903	3,483	1,420	-----	-----	-----	-----	-----
2411 LOGS-----	54,966	3,127	51,839	-----	-----	-----	-----	-----
2413 FUEL WOOD, CHARCOAL, WASTES-----	139	139	139	-----	-----	-----	-----	-----
2414 TIMBER, POSTS, POLES, PILING-----	1,176	376	800	-----	-----	-----	-----	-----
2416 WOOD CHIPS, STAVES, MOLDINGS-----	488	8	480	-----	-----	-----	-----	-----
2421 LUMBER-----	114,010	30,995	83,015	-----	-----	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	139,715	133,373	6,342	-----	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	14,925	9,135	5,770	20	-----	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	45,345	43,313	2,017	-----	15	-----	-----	-----
2611 PULP-----	106,167	99,753	6,414	-----	-----	-----	-----	-----
2621 STANDARD NEWSPRINT PAPER-----	6,644	8,539	105	-----	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	142,063	69,648	72,415	-----	-----	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	15,144	8,131	7,013	-----	-----	-----	-----	-----
2711 PRINFED MATTER-----	7,351	3,265	4,003	83	-----	-----	-----	-----
2810 SODIUM HYDROXIDE-----	6,739	-----	4,300	-----	2,439	-----	-----	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	18,713	18,693	20	-----	-----	-----	-----	-----
2812 DYES, PIGMENT, TANNING MATS-----	315	315	315	-----	-----	-----	-----	-----
2813 ALCOHOLS-----	21,413	20,468	945	-----	-----	-----	-----	-----
2816 RADIOACTIVE MATERIALS, WASTES-----	5,641	5,769	2,072	-----	-----	-----	-----	-----
2817 BENZENE AND TOLUENE-----	47	1	46	-----	-----	-----	-----	-----
2818 SULPHURIC ACID-----	36,158	-----	1,200	-----	34,958	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	164,770	99,270	58,294	-----	-----	-----	7,206	-----
2821 PLASTIC MATERIALS-----	107,107	24,522	82,585	-----	-----	-----	-----	-----
2822 SYNTHETIC RUBBERS-----	24,342	1,196	23,146	-----	-----	-----	-----	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	48,647	3,346	45,501	-----	-----	-----	-----	-----
2831 GRUGS-----	14,336	11,051	3,285	-----	-----	-----	-----	-----
2841 SOAP-----	9,145	3,950	5,195	-----	-----	-----	-----	-----
2851 PAINTS-----	21,853	19,731	2,122	-----	-----	-----	-----	-----
2861 GUM AND WOOD CHEMICALS-----	2,139	290	1,849	-----	-----	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	733,350	150,969	153,079	26,262	-----	393,002	3,381	6,657
2872 POTASSIC CHEM FERTILIZERS-----	107,692	106,522	1,170	-----	-----	-----	-----	-----
2876 INSECTICIDES, DISINFECTANTS-----	14,706	1,011	13,695	-----	-----	-----	-----	-----
2877 FERTILIZER AND MATERIALS, NEC-----	7,635	754	1,281	-----	-----	4,400	1,200	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	53,565	38,405	15,138	22	-----	-----	-----	-----
2911 GASOLINE-----	465,482	691	4,540	9,931	280,112	164,066	6,142	-----
2912 JET FUEL-----	321,410	-----	30,000	-----	29,578	217,849	43,983	-----
2913 KEROSENE-----	18,445	-----	-----	-----	10,840	1,319	6,286	-----
2914 DISTILLATE FUEL OIL-----	1,131,050	17,643	11	130,411	74,574	161,761	530,240	416,410
2915 RESIDUAL FUEL OIL-----	3,209,981	975,039	468,275	14,868	314,935	816,714	620,150	-----
2916 LUBRICATING OILS AND GREASES-----	53,579	388	6,759	41,991	-----	161	4,280	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	259	259	259	-----	-----	-----	-----	-----
2918 ASPHALT, TAR, AND PITCHES-----	278,901	133,068	298	73,849	-----	67,220	4,466	-----
2920 COKE, PETROLEUM COKE-----	141,961	-----	141,961	-----	-----	-----	-----	-----
2921 LIQUEFIED GASES-----	46,131	42,875	3,256	-----	-----	-----	-----	-----
2951 ASPHALT BUILDING MATERIALS-----	389	389	389	-----	-----	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	20,655	3,278	2,706	-----	-----	1,806	4,571	8,294
3011 RUBBER AND MISC PLASTIC PROD-----	55,606	44,604	10,885	514	3	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	10,171	6,033	4,131	7	-----	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	21,098	14,416	6,682	-----	-----	-----	-----	-----
3241 BUILDING CEMENT-----	540,592	372,029	935	17,463	-----	150,165	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	33,051	27,513	5,538	-----	-----	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	13,307	13,185	122	-----	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	29,484	13,375	5,687	-----	16	-----	-----	10,406
3311 PIG IRON-----	828	828	828	-----	-----	-----	-----	-----

NORFOLK, VA, DISTRICT

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HAMPTON ROADS, VA.--CONTINUED
FREIGHT TRAFFIC, 1986--CONTINUED
(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
3314 IRON AND STEEL PRIMARY FORMS-----	130,698	130,577	121	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	117,536	116,447	955	112	-----	-----	22	-----
3316 IRON AND STEEL PLATES, SHEETS-----	15,251	3	14,998	-----	-----	250	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	9,106	7,253	1,831	22	-----	-----	-----	-----
3318 FERROALLOYS-----	2,175	1,934	241	-----	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	15,951	14,941	1,010	-----	-----	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	9,057	7,411	1,646	-----	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	10,712	9,196	1,516	-----	-----	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	206	22	184	-----	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	11,981	8,756	3,225	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	122,029	102,657	10,247	473	56	125	21	450
3511 MACHINERY, EXCEPT ELECTRICAL-----	376,762	253,421	119,625	1,200	84	1,382	450	400
3611 ELECTRICAL MACH AND EQUIP-----	54,724	28,086	24,008	1,220	-----	1,298	112	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	274,043	235,985	38,040	-----	-----	-----	-----	18
3721 AIRCRAFT AND PARTS-----	656	141	464	-----	-----	53	-----	-----
3731 SHIPS AND BOATS-----	2,656	1,402	614	-----	140	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	29,312	3,293	25,247	750	10	12	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	5,727	3,639	2,088	-----	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	14,666	11,029	1,557	-----	-----	2,070	-----	-----
4011 IRON AND STEEL SCRAP-----	143,138	-----	137,331	-----	-----	-----	5,807	-----
4012 NONFERROUS METAL SCRAP-----	31,908	104	31,804	-----	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SHEEP-----	12,854	31	12,823	-----	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	37,669	-----	37,669	-----	-----	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	5,330	-----	-----	-----	-----	2,150	3,180	-----
4111 WATER-----	45,500	-----	-----	-----	-----	-----	-----	45,500
4112 COMMODITIES, NEC-----	47,673	9,564	11,269	64	8,787	11,806	6,183	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	5,538	-----	5,538	-----	-----	-----	-----	-----

CHANNEL TO NEWPORT NEWS, VA.

SECTION INCLUDED: BETWEEN THE 55-FOOT DEPTH CONTOURS ON EACH SIDE OF MIDDLE GROUND SHOAL IN HAMPTON ROADS, VA., 5.4 MILES. CONTROLLING DEPTH: OUTBOUND HALF OF CHANNEL, 45.0 FEET AT MEAN LOW WATER; INBOUND HALF OF CHANNEL, 45.0 FEET AT MEAN LOW WATER. PROJECT LENGTH: 5.4 MILES, MAINTAINED TO 45 FEET DEEP, ALSO INCLUDES TWO DEEP DRAFT ANCHORAGE BERTHS OPPOSITE NEWPORT NEWS 45 DEEP OVER A 1,200 FOOT SWING RADIUS, MAINTAINED TO 40 FEET DEEP.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	13,253,075	1982-----	25,061,210
1978-----	12,423,026	1983-----	19,140,394
1979-----	17,089,036	1984-----	21,962,167
1980-----	26,186,356	1985-----	25,179,661
1981-----	22,668,368	1986-----	25,707,643

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		THROUGH		COASTWISE		INTERNAL	
		EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND
TOTAL-----	25,707,643	16,375,381	1,288,614	420,820	181,164	5,913,655	1,528,009
0103 CORN-----	27,740	27,740	-----	-----	-----	-----	-----
0105 RICE-----	24	24	-----	-----	-----	-----	-----
0119 OILSEEDS, NEC-----	7,138	7,138	-----	-----	-----	-----	-----
0121 TOBACCO, LEAF-----	68,974	3,662	65,312	-----	-----	-----	-----
0129 FIELD CROPS, NEC-----	236	152	84	-----	-----	-----	-----
0131 FRESH FRUITS-----	60	60	-----	-----	-----	-----	-----
0133 COFFEE-----	2,854	3	2,851	-----	-----	-----	-----
0134 COCOA BEANS-----	192	13	179	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	161	12	149	-----	-----	-----	-----
0151 LIVE ANIMALS-----	3,405	3,405	-----	-----	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	473	23	450	-----	-----	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	3	-----	3	-----	-----	-----	-----
0841 CRUDE RUBBER AND ALLIED GUMS-----	135,225	117	135,108	-----	-----	-----	-----
0861 FOREST PRODUCTS, NEC-----	91	45	46	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	171	8	163	-----	-----	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	586	-----	222	-----	-----	-----	364
0931 MARINE SHELLS, UNMANUFACTURED-----	5,473	-----	-----	-----	-----	-----	5,473
1051 ALUMINUM ORES, CONCENTRATES-----	89	1	88	-----	-----	-----	-----
1061 MANGANESE ORES, CONCENTRATES-----	290	290	-----	-----	-----	-----	-----
1121 COAL AND LIGNITE-----	16,769,555	15,440,920	-----	145,802	-----	601,610	581,223
1311 CRUDE PETROLEUM-----	297,573	-----	297,573	-----	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	4,172,358	237	6	-----	-----	4,172,115	-----
1451 CLAY-----	29,320	13	29,307	-----	-----	-----	-----
1492 SULPHUR, DRY-----	1,323	123	-----	-----	-----	1,200	-----
1494 GYPSUM, CRUDE AND PLASTERS-----	65	65	-----	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	8,450	2,035	6,415	-----	-----	-----	-----
1911 ORNANCE AND ACCESSORIES-----	151	-----	151	-----	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	1,013	1,013	-----	-----	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	141	39	102	-----	-----	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	545	247	248	-----	-----	-----	-----
2021 DAIRY PRODUCTS, NEC-----	56	56	-----	-----	-----	-----	-----
2022 DRIED MILK AND CREAM-----	1,825	1,825	-----	-----	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	5	5	-----	-----	-----	-----	-----

Waterborne Commerce of the United States, 1986

CHANNEL TO NEWPORT NEWS, VA.--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		THROUGH		COASTWISE		INTERNAL	
		EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND
2030 VEGETABLES AND PREP, NEC-----	765	313	452	-----	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	2,953	34	2,919	-----	-----	-----	-----
2081 WHEAT FLOUR AND SEMOLINA-----	24	24	-----	-----	-----	-----	-----
2042 ANIMAL FEEDS-----	90	54	36	-----	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	162	86	74	-----	-----	-----	-----
2061 SUGAR-----	26	26	-----	-----	-----	-----	-----
2061 ALCOHOLIC BEVERAGES-----	8,491	104	8,387	-----	-----	-----	-----
2066 VEGETABLE OILS, MANF, SHOWN-----	1,540	1,514	26	-----	-----	-----	-----
2096 MISCELLANEOUS FOOD PRODUCTS-----	2,677	1,666	1,011	-----	-----	-----	-----
2111 TOBACCO MANUFACTURES-----	27,539	27,346	193	-----	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	22,762	16,538	6,224	-----	-----	-----	-----
2212 TEXTILE FIBERS, NEC-----	3,442	3,442	-----	-----	-----	-----	-----
2311 APPAREL-----	569	228	341	-----	-----	-----	-----
2411 LOGS-----	908	627	281	-----	-----	-----	-----
2413 FUEL WOOD, CHANCUAL, WASTES-----	14	14	-----	-----	-----	-----	-----
2414 TIMBER, POSTS, POLES, PILING-----	11	11	-----	-----	-----	-----	-----
2421 LUMBER-----	27,595	2,544	25,051	-----	-----	-----	-----
2431 VENEER, PLYWOOD, WURNED WOOD-----	470	32	438	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	501	399	102	-----	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	1,251	455	796	-----	-----	-----	-----
2611 PULP-----	11,301	11,301	-----	-----	-----	-----	-----
2621 STANDARD NEWSPRINT PAPER-----	5,556	5,556	-----	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	26,587	19,304	7,283	-----	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	413	340	73	-----	-----	-----	-----
2711 PRINTED MATTER-----	347	285	62	-----	-----	-----	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	595	5	590	-----	-----	-----	-----
2812 DYES, PIGMENT, TANNING MATS-----	122	122	-----	-----	-----	-----	-----
2813 ALCOHOLS-----	351	307	44	-----	-----	-----	-----
2818 SULPHURIC ACID-----	10,720	-----	-----	-----	7,500	-----	3,220
2819 BASIC CHEMICALS AND PROD, NEC-----	335,150	32,202	66,841	-----	-----	-----	236,107
2821 PLASTIC MATERIALS-----	15,838	11,385	4,453	-----	-----	-----	-----
2822 SYNTHETIC RUBBER-----	4,368	4,360	8	-----	-----	-----	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	2,406	2,406	-----	-----	-----	-----	-----
2831 RUBBERS-----	1,348	1,218	130	-----	-----	-----	-----
2831 SOAP-----	994	519	475	-----	-----	-----	-----
2851 PAINTS-----	2,137	25	2,112	-----	-----	-----	-----
2861 GUM AND WOOD CHEMICALS-----	84	84	-----	-----	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	973,066	533,345	-----	53,108	-----	383,252	5,381
2872 POTASSIC CHEM FERTILIZERS-----	19	19	-----	-----	-----	-----	-----
2876 INSECTICIDES, DISINFECTANTS-----	3,292	3,270	22	-----	-----	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	21,541	-----	-----	14,541	-----	5,800	1,200
2891 MISCELLANEOUS CHEMICAL PROD-----	5,939	4,649	1,290	-----	-----	-----	-----
2911 GASOLINE-----	339,153	-----	-----	7,642	-----	331,511	-----
2912 JET FUEL-----	168,682	-----	-----	168,817	-----	1,437	428
2913 KEROSENE-----	12,790	-----	-----	-----	-----	12,790	-----
2914 DISTILLATE FUEL OIL-----	305,491	-----	17,643	11,520	-----	87,234	189,294
2915 RESIDUAL FUEL OIL-----	1,077,518	333,416	21,348	559	-----	316,687	405,506
2916 LUBRICATING OILS AND GREASES-----	2,098	765	794	-----	-----	-----	539
2917 NAPHTHA, PETROLEUM SOLVENTS-----	7	7	-----	-----	-----	-----	-----
2918 ASPHALT, TAR, AND PITCHES-----	270,416	-----	44,049	-----	171,445	-----	54,922
2920 COKE, PETROLEUM COKE-----	89,841	89,841	-----	-----	-----	-----	-----
2921 LIQUEFIED GASES-----	20	20	-----	-----	-----	-----	-----
2951 ASPHALT BUILDING MATERIALS-----	108	108	-----	-----	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	32,405	1	-----	-----	-----	-----	32,404
3011 RUBBER AND MISC PLASTIC PROD-----	2,821	2,085	736	-----	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	160	22	138	-----	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	1,827	560	1,267	-----	-----	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	3,763	3,613	150	-----	-----	-----	-----
3271 LIME-----	17	17	-----	-----	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	236	12	224	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	11,086	368	312	-----	-----	-----	10,406
3314 IRON AND STEEL PRIMARY FORMS-----	92,707	-----	92,707	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, CKC SHEET-----	95,331	-----	95,481	-----	-----	-----	-----
3316 IRON AND STEEL PLATED SHEETS-----	890	890	-----	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	3,123	1,391	1,732	-----	-----	-----	-----
3318 FERROALLOYS-----	115	22	93	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	92	31	61	-----	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	236	186	50	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	1,599	146	1,413	-----	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	223	223	-----	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	5,366	632	4,734	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	11,671	2,824	7,987	-----	310	-----	550
3511 MACHINERY, EXCEPT ELECTRICAL-----	26,094	20,221	5,147	42	-----	-----	604
3611 ELECTRICAL MACH AND EQUIP-----	8,481	5,312	1,273	-----	600	-----	1,294
3711 MOTOR VEHICLES, PARTS, EQUIP-----	4,962	4,550	412	-----	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	45	26	-----	-----	-----	19	-----
3731 SHIPS AND BOATS-----	49	12	-----	-----	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	25,205	24,443	-----	-----	750	-----	12
3811 INSTR, TIME, PHOTO, OPT GOODS-----	1,220	753	467	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	576	112	464	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	45,431	45,431	-----	-----	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	455	430	25	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SHEEP-----	505	395	110	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	1,445	1,445	-----	-----	-----	-----	-----
4111 WATER-----	1,000	-----	-----	-----	-----	-----	1,000
4112 COMMODITIES, NEC-----	1,462	654	806	-----	-----	-----	-----
4999 DEPARTMENT OF DEFENSE AND SCI-----	1,265	1,265	-----	-----	-----	-----	-----
TOTAL TON-MILES, 128,505,095.							

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SECTION INCLUDED: LOWER EAST SHORE OF JAMES RIVER FROM MOUTH TO 1.8 MILES, AND PORTION OF NORTH SHORE OF HAMPTON ROADS COVERING APPROXIMATELY 15,000 LINEAR FEET OF WATERFRONT AT NEWPORT NEWS AND NEWPORT NEWS CREEK.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977	8,730,346	126,924	1982	20,911,877	
1978	7,255,936	60,480	1983	13,517,510	
1979	11,506,735	76,686	1984	15,552,908	
1980	20,620,941	96,768	1985	19,168,548	
1981	18,629,942	80,000	1986	18,531,616	

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
TOTAL-----	10,531,414	1,076,924	15,652,517	2,219	152,629	655,274	965,075	26,776
0103 CORN-----	3,477		3,477					
0105 RICE-----	24		24					
0119 OILSEEDS, NEL-----	40		40					
0121 TOBACCO, LEAF-----	1,667	1,660	177					
0129 FIELD CROPS, NEC-----	84							
0131 FRESH FRUITS-----	60		60					
0133 COFFEE-----	2,847	2,844	3					
0134 COCOA BEANS-----	112	112						
0141 FRESH AND FROZEN VEGETABLES-----	34	22	12					
0161 ANIMALS AND PRODUCTS, NEC-----	396	375	23					
0841 CRUDE RUBBER AND ALLIED GUMS-----	132,546	132,431	117					
0861 FOREST PRODUCTS, NEC-----	51	6	45					
0911 FRESH FISH, EXCEPT SMELLFISH-----	46	38	8					
0912 SMELLFISH, EXCEPT PREPARED-----	724					724		
1051 ALUMINUM ORES, CONCENTRATES-----	1		1					
1061 MANGANESE ORES, CONCENTRATES-----	290		290					
1121 COAL AND LIGNITE-----	16,187,480		15,440,068		145,402		401,610	
1311 CRUDE PETROLEUM-----	297,573	297,573						
1482 SAND, GRAVEL, CRUSHED ROCK-----	274,903		217			274,686		
1492 SULPHUR, DRY-----	123		123					
1494 GYPSUM, CRUDE AND PLASTERS-----	65		65					
1499 NONMETALLIC MINERALS, NEC-----	6,364	6,355	9					
2611 MEAT, FRESH, CHILLED, FROZEN-----	968		968					
2612 MEAT AND PRODUCTS, NEC-----	61	22	39					
2615 ANIMAL BY-PRODUCTS, NEC-----	321	246	75					
2621 DAIRY PRODUCTS, NEC-----	56		56					
2622 DRIED MILK AND CREAM-----	1,025		1,025					
2631 FISH AND SMELLFISH, PREPARED-----	5		5					
2634 VEGETABLES AND PREP, NEC-----	567	254	313					
2639 PREP FRUIT AND VEG JUICE, NEC-----	521	487	34					
2641 WHEAT FLOUR AND SEMOLINA-----	24		24					
2642 ANIMAL FEEDS-----	54		54					
2649 GRAIN MILL PRODUCTS, NEC-----	95	7	88					
2661 SUGAR-----	26		26					
2681 ALCOHOLIC BEVERAGES-----	210	134	76					
2691 VEGETABLE OILS, MARG, SHORT-----	1,540	26	1,514					
2699 MISCELLANEOUS FOOD PRODUCTS-----	1,422	603	819					
2111 TOBACCO MANUFACTURES-----	3,638		3,638					
2211 BASIC TEXTILE PRODUCTS-----	8,355	2,530	6,325					
2212 TEXTILE FIBERS, NEC-----	1							
2311 APPAREL-----	344	289	75					
2411 LOGS-----	906	281	627					
2413 FUEL WOOD, CHARCOAL, WASTES-----	14		14					
2414 TIMBER, POSTS, POLES, PILING-----	11		11					
2421 LUMBER-----	26,450	24,193	2,263					
2431 VENEER, PLYWOOD, WORKED WOOD-----	19	4	13					
2491 WOOD MANUFACTURES, NEC-----	251	96	155					
2511 FURNITURE AND FIXTURES-----	744	290	454					
2611 PULP-----	7,363		7,363					
2621 STANDARD NEWSPRINT PAPER-----	5,556	5,556						
2631 PAPER AND PAPERBOARD-----	21,338	2,177	19,161					
2691 PULP AND PAPER PRODUCTS, NEC-----	337	37	300					
2711 PRINTED MATTER-----	239		239					
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	6	1	5					
2812 DYES, PIGMENT, TANNING MATS-----	25		25					
2813 ALCOHOLS-----	9		9					
2819 BASIC CHEMICALS AND PROD, NEC-----	6,121	12	3,953				2,156	
2821 PLASTIC MATERIALS-----	1,713	144	1,569					
2822 SYNTHETIC RUBBER-----	927		927					
2823 SYNTHETIC (MAN-MADE) FIBERS-----	1,121		1,121					
2831 DRUGS-----	553	18	535					
2841 SOAP-----	272	3	269					
2851 PAINTS-----	66	42	24					
2861 GUM AND WOOD CHEMICALS-----	26		26					
2872 POTASSIUM CHEM FERTILIZERS-----	19		19					
2876 INSECTICIDES, DISINFECTANTS-----	277		277					
2891 MISCELLANEOUS CHEMICAL PROD-----	2,849	100	2,749					
2912 JET FUEL-----	1,845					426	1,437	
2914 DISTILLATE FUEL OIL-----	190,543	17,443				148,749	17,430	6,341
2915 RESIDUAL FUEL OIL-----	877,048	333,418		559	8,827	173,767	342,042	20,435
2916 LUBRICATING OILS AND GREASES-----	648		189			539		
2917 NAPHTHA, PETROLEUM SOLVENTS-----	7		7					
2918 ASPHALT, TAR, AND PITCHES-----	83,230	44,849				39,181		
2920 COKE, PETROLEUM COKE-----	89,593		89,593					
2921 LIQUEFIED GASES-----	20		20					

Waterborne Commerce of the United States, 1986

PORT OF NEWPORT NEWS, VA.
(INCLUDING NEWPORT NEWS CREEK, VA.)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
2951 ASPHALT BUILDING MATERIALS-----	81	-----	81	-----	-----	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	3,378	-----	1	-----	-----	3,377	-----	-----
3011 RUBBER AND MISC PLASTIC PROD-----	1,421	342	1,079	-----	-----	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	81	78	3	-----	-----	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	329	264	65	-----	-----	-----	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	217	1	216	-----	-----	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	212	200	12	-----	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	10,830	90	334	-----	-----	10,406	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	92,707	92,707	-----	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	95,382	95,344	38	-----	-----	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	757	-----	757	-----	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	1,848	1,731	117	-----	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	28	-----	28	-----	-----	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	177	-----	177	-----	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	871	752	119	-----	-----	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	3	-----	3	-----	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	410	320	90	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	10,441	7,393	2,188	310	-----	550	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	22,558	3,030	18,949	-----	-----	559	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	6,115	43	4,174	600	-----	1,296	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	4,462	190	4,272	-----	-----	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	24	-----	24	-----	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	35	-----	35	-----	-----	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	25,178	-----	24,416	750	-----	12	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	282	34	248	-----	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	123	27	96	-----	-----	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	298	-----	298	-----	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	356	-----	356	-----	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	898	-----	898	-----	-----	-----	-----	-----
4111 WATER-----	1,000	-----	-----	-----	-----	1,000	-----	-----
4112 COMMODITIES, NEC-----	308	174	132	-----	-----	-----	-----	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	722	-----	722	-----	-----	-----	-----	-----

JAMES RIVER, VA. (CONSOLIDATED REPORT)

SECTION INCLUDED: FROM MOUTH TO RICHMOND, VA., 90.8 MILES. CONTROLLING DEPTH: FROM THE MOUTH TO DEEPWATER TERMINAL (4.7 MILES BELOW RICHMOND), 24.6 FEET, THENCE TO A POINT 700 FEET DOWNSTREAM FROM LOCK, 18.0 FEET. PROJECT DEPTH: FROM THE MOUTH TO DEEPWATER TERMINAL (4.7 MILES BELOW RICHMOND), 35 FEET, MAINTAINED TO 25 FEET, THENCE 18 FEET TO THE RICHMOND LOCK. ALL AT MEAN LOW WATER. PROJECT LENGTH: 90.8 MILES. TERMINALS WITH A TURNING BASIN 35 FEET DEEP, MAINTAINED TO 25 FEET, 825 FT WIDE, AND 2,770 FT LONG.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC AUTOMOBILES ACCOMPANYING PASSENGERS	YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC AUTOMOBILES ACCOMPANYING PASSENGERS
1977-----	6,714,097	760,566	387,834	1982-----	6,070,085	986,914	394,757
1978-----	7,819,575	767,725	389,712	1983-----	8,023,110	1,045,202	501,699
1979-----	7,918,482	842,267	391,522	1984-----	9,173,947	1,252,314	492,143
1980-----	7,853,114	915,413	365,579	1985-----	9,010,704	1,335,644	534,237
1981-----	6,342,269	965,161	386,053	1986-----	10,733,540	1,366,142	561,725

NOTE: PASSENGER TOTALS ABOVE INCLUDE FERRY PASSENGERS.

FREIGHT TRAFFIC, 1986

FOREIGN

(SHORT TONS)

COMMODITY	TOTAL	IMPORTS	EXPORTS
TOTAL-----	934,554	211,690	722,864
0103 CORN-----	24,263	-----	24,263
0119 OILSEEDS, NEC-----	7,098	-----	7,098
0121 TOBACCO, LEAF-----	67,167	63,622	3,485
0129 FIELD CROPS, NEC-----	152	-----	152
0133 COFFEE-----	7	7	-----
0134 COCOA BEANS-----	80	67	13
0141 FRESH AND FROZEN VEGETABLES-----	127	127	-----
0151 LIVE ANIMALS-----	3,405	-----	3,405
0161 ANIMALS AND PRODUCTS, NEC-----	75	75	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	3	3	-----
0841 CRUDE RUBBER AND ALLIED GUMS-----	2,677	2,677	-----
0861 FOREST PRODUCTS, NEC-----	40	40	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	125	125	-----
0912 SHELLFISH, EXCEPT PREPARED-----	210	210	-----
1051 ALUMINUM ORES, CONCENTRATED-----	88	88	-----
1121 COAL AND LIGNITE-----	852	-----	852
1442 SAND, GRAVEL, CRUSHED ROCK-----	26	6	20
1451 CLAY-----	29,320	29,307	13
1499 NONMETALLIC MINERALS, NEC-----	2,086	60	2,026
1911 ORDNANCE AND ACCESSORIES-----	151	151	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	45	-----	45
2012 MEAT AND PRODUCTS, NEC-----	80	80	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	224	-----	224

NORFOLK, VA, DISTRICT

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JAMES RIVER, VA. (CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1966--CONTINUED

FOREIGN--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	IMPORTS	EXPORTS
2034 VEGETABLES AND PREP, NEC-----	198	198	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	2,432	2,432	-----
2042 ANIMAL FEEDS-----	36	36	-----
2049 GRAIN MILL PRODUCTS, NEC-----	67	67	-----
2081 ALCOHOLIC BEVERAGES-----	8,281	8,253	28
2099 MISCELLANEOUS FOOD PRODUCTS-----	1,255	408	847
2111 TOBACCO MANUFACTURES-----	23,891	183	23,708
2211 BASIC TEXTILE PRODUCTS-----	13,907	3,694	10,213
2212 TEXTILE FIBERS, NEC-----	3,341	3,341	-----
2311 APPAREL-----	265	52	153
2421 LUMBER-----	1,139	858	281
2431 VENEER, PLYWOOD, WORKED WOOD-----	451	432	19
2491 WOOD MANUFACTURES, NEC-----	250	6	244
2511 FURNITURE AND FIXTURES-----	567	506	61
2611 PULP-----	3,918	-----	3,918
2631 PAPER AND PAPERBOARD-----	5,249	5,106	143
2691 PULP AND PAPER PRODUCTS, NEC-----	76	36	40
2711 PRINTED MATTER-----	108	61	47
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	589	589	-----
2812 DYES, PIGMENT, TANNING MATS-----	97	-----	97
2813 ALCOHOLS-----	362	44	298
2819 BASIC CHEMICALS AND PROD, NEC-----	95,078	66,829	28,249
2821 PLASTIC MATERIALS-----	13,925	4,109	9,816
2822 SYNTHETIC RUBBER-----	3,481	8	3,433
2823 SYNTHETIC (MAN-MADE) FIBERS-----	1,285	-----	1,285
2831 DRUGS-----	795	112	683
2841 SOAP-----	722	472	250
2851 PAINTS-----	2,101	2,100	1
2861 GUM AND WOOD CHEMICALS-----	18	-----	18
2871 NITROGENOUS CHEM FERTILIZERS-----	533,345	-----	533,345
2876 INSECTICIDES, DISINFECTANTS-----	3,015	22	2,993
2891 MISCELLANEOUS CHEMICAL PROD-----	3,090	1,194	1,900
2916 LUBRICATING OILS AND GREASES-----	1,450	794	656
2920 COKE, PETROLEUM COKE-----	248	-----	248
2951 ASPHALT BUILDING MATERIALS-----	27	-----	27
3011 RUBBER AND MISC PLASTIC PROD-----	1,400	394	1,006
3111 LEATHER AND LEATHER PRODUCTS-----	79	60	19
3211 GLASS AND GLASS PRODUCTS-----	1,498	1,003	495
3251 STRUCTURAL CLAY PRODUCTS-----	3,546	149	3,397
3271 LIME-----	17	-----	17
3281 CUT STONE AND STONE PRODUCTS-----	24	24	-----
3291 MISC NONMETALLIC MINERAL PROD-----	256	222	34
3315 IRON, STEEL SHAPES, EXC SHEET-----	156	137	19
3316 IRON AND STEEL PLATES, SHEETS-----	133	-----	133
3317 IRON AND STEEL PIPE AND TUBE-----	1,275	1	1,274
3318 FERROALLOYS-----	115	93	22
3319 IRON AND STEEL PRODUCTS, NEC-----	64	61	3
3321 NONFERROUS METALS, NEC-----	59	50	9
3322 COPPER ALLOYS, UNWORKED-----	728	661	67
3323 LEAD AND ZINC, UNWORKED-----	220	-----	220
3324 ALUMINUM AND ALLOYS, UNWORKED-----	4,956	4,414	542
3411 FABRICATED METAL PRODUCTS-----	1,230	594	636
3511 MACHINERY, EXCEPT ELECTRICAL-----	3,369	2,117	1,252
3611 ELECTRICAL MACH AND EQUIP-----	2,366	1,230	1,136
3711 MOTOR VEHICLES, PARTS, EQUIP-----	500	222	278
3721 AIRCRAFT AND PARTS-----	2	-----	2
3731 SHIPS AND BOATS-----	14	12	2
3791 MISC TRANSPORTATION EQUIPMENT-----	27	-----	27
3811 INSTR, TIME, PHOTO, OPT GOODS-----	938	433	505
3911 MISC MANUFACTURED PRODUCTS-----	433	437	16
4011 IRON AND STEEL SCRAP-----	45,431	-----	45,431
4012 NONFERROUS METAL SCRAP-----	157	25	132
4022 TEXTILE WASTE, SCRAP, SWEEP-----	149	110	39
4024 PAPER WASTE AND SCRAP-----	547	-----	547
4112 COMMODITIES, NEC-----	1,154	630	524
9999 DEPARTMENT OF DEFENSE AND SCI-----	543	-----	543
TOTAL-----	9,798,986	769,768	25,609
TON-MILES, FOREIGN,	70,179,252.		

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL		THROUGH
		RECEIPTS	SHIPMENTS	UPBOUND	DOWNBOUND	UPBOUND
TOTAL-----	9,798,986	178,945	275,342	2,408,755	5,390,246	769,768
0912 SHELLFISH, EXCEPT PREPARED-----	565	-----	-----	-----	565	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	5,473	-----	-----	5,473	-----	-----
1121 COAL AND LIGNITE-----	581,223	-----	-----	581,223	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	7,103,395	-----	-----	1,336,384	4,457,277	767,405
1492 SULPHUR, ORE-----	1,200	-----	-----	-----	1,200	-----
2018 SULPHURIC ACID-----	10,720	7,500	-----	3,220	-----	-----
2019 BASIC CHEMICALS AND PROD, NEC-----	238,263	-----	-----	238,263	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	439,741	-----	53,108	-----	383,252	-----
2879 FERTILIZER AND MATERIALS, NEC-----	21,541	-----	14,541	500	-----	3,501
2911 GASOLINE-----	339,153	-----	7,642	-----	331,511	-----
2912 JET FUEL-----	173,968	-----	173,968	-----	-----	-----
2913 KEROSENE-----	12,790	-----	-----	-----	12,790	-----
2914 DISTILLATE FUEL OIL-----	141,620	-----	11,520	46,713	81,032	2,353
2915 RESIDUAL FUEL OIL-----	512,935	-----	14,321	352,086	124,800	-----
						21,520

Waterborne Commerce of the United States, 1986

JAMES RIVER, VA. (CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL			
		RECEIPTS	SHIPMENTS	INBOUND UPBOUND	OUTBOUND DOWNBOUND	UPBOUND	DOWNBOUND THROUGH UPBOUND
2918 ASPHALT, TAR, AND PITCHES-----	187,186	171,445	-----	15,741	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	29,027	-----	-----	29,027	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	167	-----	42	125	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	19	-----	-----	-----	19	-----	-----
TON-MILES, DOMESTIC, 598,387,219.							
TONS, ALL TRAFFIC, 10,733,540.							
TON-MILES, ALL TRAFFIC, 668,566,471.							

PORT OF RICHMOND, VA.
(INCLUDED IN JAMES RIVER, VA., CONSOLIDATED REPORT)

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
TOTAL-----	2,364,010	141,962	189,517	171,445	207,651	1,103,699	549,536
0119 OILSEEDS, NEC-----	7,098	-----	7,098	-----	-----	-----	-----
0121 TOBACCO, LEAF-----	66,909	63,622	3,287	-----	-----	-----	-----
0129 FIELD CROPS, NEC-----	152	-----	152	-----	-----	-----	-----
0133 COFFEE-----	7	7	-----	-----	-----	-----	-----
0134 COCOA BEANS-----	80	67	13	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	127	127	-----	-----	-----	-----	-----
0151 LIVE ANIMALS-----	3,405	-----	3,405	-----	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	75	75	-----	-----	-----	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	3	3	-----	-----	-----	-----	-----
0841 CRUDE RUBBER AND ALLIED GUMS-----	2,677	2,677	-----	-----	-----	-----	-----
0861 FOREST PRODUCTS, NEC-----	40	40	-----	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	125	125	-----	-----	-----	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	218	218	-----	-----	-----	-----	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	5,473	-----	-----	-----	-----	5,473	-----
1051 ALUMINUM ORES, CONCENTRATES-----	88	88	-----	-----	-----	-----	-----
1121 COAL AND LIGNITE-----	852	852	-----	-----	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	769,261	6	20	-----	-----	767,405	1,830
1451 CLAY-----	21,520	21,507	13	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	2,007	60	2,007	-----	-----	-----	-----
1911 ORDNANCE AND ACCESSORIES-----	151	151	-----	-----	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	45	45	45	-----	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	80	80	-----	-----	-----	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	224	-----	224	-----	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	198	198	-----	-----	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	2,432	2,432	-----	-----	-----	-----	-----
2042 ANIMAL FEEDS-----	36	36	-----	-----	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	87	87	-----	-----	-----	-----	-----
2081 ALCOHOLIC BEVERAGES-----	8,251	8,251	28	-----	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	1,255	408	847	-----	-----	-----	-----
2111 TOBACCO MANUFACTURES-----	23,544	183	23,361	-----	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	13,879	3,694	10,185	-----	-----	-----	-----
2212 TEXTILE FIBERS, NEC-----	3,341	3,341	-----	-----	-----	-----	-----
2311 APPAREL-----	305	52	153	-----	-----	-----	-----
2421 LUMBER-----	1,082	856	224	-----	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	451	432	19	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	250	244	6	-----	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	507	506	1	-----	-----	-----	-----
2611 PULP-----	3,918	-----	3,918	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	5,249	5,106	143	-----	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	76	36	40	-----	-----	-----	-----
2711 PRINTED MATTER-----	108	61	47	-----	-----	-----	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	589	589	-----	-----	-----	-----	-----
2812 DYES, PIGMENT, TANNING MATS-----	79	-----	79	-----	-----	-----	-----
2813 ALCOHOLS-----	342	44	298	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	33,026	4,921	28,105	-----	-----	-----	-----
2821 PLASTIC MATERIALS-----	13,631	4,109	9,522	-----	-----	-----	-----
2822 SYNTHETIC RUBBER-----	3,410	8	3,402	-----	-----	-----	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	1,285	-----	1,285	-----	-----	-----	-----
2831 DRUGS-----	783	112	671	-----	-----	-----	-----
2841 SOAP-----	721	472	249	-----	-----	-----	-----
2851 PAINTS-----	2,100	2,100	-----	-----	-----	-----	-----
2861 GUM AND WOOD CHEMICALS-----	18	-----	18	-----	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	25,787	-----	25,787	-----	-----	-----	-----
2876 INSECTICIDES, DISINFECTANTS-----	3,015	22	2,993	-----	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	2,963	1,190	1,773	-----	-----	-----	-----
2911 GASOLINE-----	339,153	-----	-----	-----	7,642	-----	331,511
2912 JET FUEL-----	173,968	-----	-----	-----	173,968	-----	-----
2913 KEROSENE-----	12,790	-----	-----	-----	-----	-----	12,790
2914 DISTILLATE FUEL OIL-----	111,950	-----	-----	-----	11,520	21,825	78,605
2915 RESIDUAL FUEL OIL-----	403,749	-----	-----	-----	14,521	268,428	124,800
2916 LUBRICATING OILS AND GREASES-----	1,450	794	656	-----	-----	-----	-----
2918 ASPHALT, TAR, AND PITCHES-----	187,186	-----	-----	171,445	-----	15,741	-----
2920 COKE, PETROLEUM COKE-----	248	-----	248	-----	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	29,027	-----	-----	-----	-----	29,027	-----
3011 RUBBER AND MISC PLASTIC PROD-----	1,381	394	987	-----	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	79	60	19	-----	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	1,498	1,003	495	-----	-----	-----	-----

NORFOLK, VA, DISTRICT

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PORT OF RICHMOND, VA.
(INCLUDED IN JAMES RIVER, VA., CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
3251 STRUCTURAL CLAY PRODUCTS-----	3,546	149	3,397				
3271 LIME-----	17		17				
3281 CUT STONE AND STONE PRODUCTS-----	24	24					
3291 MISC NONMETALLIC MINERAL PROD-----	256	222	34				
3315 IRON, STEEL SHAPES, EXC SHEET-----	156	137	19				
3316 IRON AND STEEL PLATES, SHEETS-----	133		133				
3317 IRON AND STEEL PIPE AND TUBE-----	1,273	1	1,272				
3318 FERROALLOYS-----	115	93	22				
3319 IRON AND STEEL PRODUCTS, NEC-----	64	61	3				
3321 NONFERROUS METALS, NEC-----	59	50	9				
3322 COPPER ALLOYS, UNWORKED-----	766	641	67				
3323 LEAD AND ZINC, UNWORKED-----	220		220				
3324 ALUMINUM AND ALLOYS, UNWORKED-----	4,956	4,414	542				
3411 FABRICATED METAL PRODUCTS-----	1,192	594	598				
3511 MACHINERY, EXCEPT ELECTRICAL-----	3,335	2,117	1,218				
3611 ELECTRICAL MACH AND EQUIP-----	2,363	1,230	1,133				
3711 MOTOR VEHICLES, PARTS, EQUIP-----	450	222	228				
3721 AIRCRAFT AND PARTS-----	2		2				
3791 SHIPS AND BOATS-----	14	12	2				
3792 MISC TRANSPORTATION EQUIPMENT-----	27		27				
3811 INSTR, TIME, PHOTO, OPT GOODS-----	936	433	503				
3911 MISC MANUFACTURED PRODUCTS-----	453	437	16				
4011 IRON AND STEEL SCRAP-----	45,451		45,451				
4012 NONFERROUS METAL SCRAP-----	157	25	132				
4022 TEXTILE WASTE, SCRAP, SWEEP-----	144	110	34				
4024 PAPER WASTE AND SCRAP-----	506		506				
4112 COMMODITIES, NEC-----	1,129	630	499				
9999 DEPARTMENT OF DEFENSE AND SCI-----	535		535				

JAMES RIVER BELOW RICHMOND, VA.
(INCLUDED IN JAMES RIVER CONSOLIDATED REPORT)

FREIGHT TRAFFIC, 1986

UCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN				DOMESTIC			
		IMPORTS	EXPORTS	THROUGH		COASTWISE	SHIPMENTS	THROUGH	
				UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
TOTAL-----	1,381,690	69,728	533,347	141,962	189,517	7,500	67,691	171,445	200,500
0103 CORN-----	24,263		24,263						
0119 OILSEEDS, NEC-----	7,098				7,098				
0121 TOBACCO, LEAF-----	67,107		198	63,622	3,287				
0129 FIELD CROPS, NEC-----	152				152				
0133 COFFEE-----	7			7					
0134 COCOA BEANS-----	80			67	13				
0141 FRESH AND FROZEN VEGETABLES-----	127			127					
0151 LIVE ANIMALS-----	3,405				3,405				
0161 ANIMALS AND PRODUCTS, NEC-----	75			75					
0191 MISCELLANEOUS FARM PRODUCTS-----	3			3					
0841 CRUDE RUBBER AND ALLIED GUMS-----	2,677			2,677					
0861 FOREST PRODUCTS, NEC-----	40			40					
0911 FRESH FISH, EXCEPT SHELLFISH-----	125			125					
0912 SHELLFISH, EXCEPT PREPARED-----	218			218					
1051 ALUMINUM DRES, CONCENTRATES-----	88			88					
1121 COAL AND LIGNITE-----	852				852				
1442 SAND, GRAVEL, CRUSHED ROCK-----	26			6	20				
1451 CLAY-----	29,320	7,600		21,507	13				
1499 NONMETALLIC MINERALS, NEC-----	2,086		19	60	2,007				
1911 ORDNANCE AND ACCESSORIES-----	151			151					
2011 MEAT, FRESH, CHILLED, FROZEN-----	45				45				
2012 MEAT AND PRODUCTS, NEC-----	80			80					
2015 ANIMAL BY-PRODUCTS, NEC-----	224				224				
2034 VEGETABLES AND PREP, NEC-----	198			198					
2039 PREP FRUIT AND VEG JUICE, NEC-----	2,432			2,432					
2042 ANIMAL FEEDS-----	36			36					
2049 GRAIN MILL PRODUCTS, NEC-----	87			87					
2081 ALCOHOLIC BEVERAGES-----	8,253			8,253	28				
2099 MISCELLANEOUS FOOD PRODUCTS-----	1,255			408	847				
2111 TOBACCO MANUFACTURES-----	23,891		347	183	23,361				
2211 BASIC TEXTILE PRODUCTS-----	13,907		28	3,694	10,185				
2212 TEXTILE FIBERS, NEC-----	3,341			3,341					
2311 APPAREL-----	205			52	153				
2421 LUMBER-----	1,139		57	858	224				
2431 VENEER, PLYWOOD, WORKED WOOD-----	451			432	19				
2491 WOOD MANUFACTURES, NEC-----	250			6	244				
2511 FURNITURE AND FIXTURES-----	507			506	1				
2611 PULP-----	3,918				3,918				
2631 PAPER AND PAPERBOARD-----	5,249			5,106	143				
2691 PULP AND PAPER PRODUCTS, NEC-----	76			36	40				
2711 PRINTED MATTER-----	188			61	47				
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	589			589					
2812 DYES, PIGMENT, TANNING MATS-----	97		18		79				
2813 ALCOHOLS-----	342			44	298				
2816 SULPHURIC ACID-----	7,500				7,500				
2819 BASIC CHEMICALS AND PROD, NEC-----	95,078	61,908	144	4,921	28,105				

Waterborne Commerce of the United States, 1986

JAMES RIVER BELOW RICHMOND, VA.
(INCLUDED IN JAMES RIVER CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

OCEANGOING--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN				DOMESTIC COASTWISE			
		IMPORTS	EXPORTS	THROUGH		RECEIPTS	SHIPMENTS	THROUGH	
				UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
2021 PLASTIC MATERIALS-----	13,925		294	4,109	9,522				
2022 SYNTHETIC RUBBER-----	3,441		31	8	3,402				
2023 SYNTHETIC (MAN-MADE) FIBERS-----	1,205				1,205				
2031 DRUGS-----	795		12	112	671				
2041 SOAP-----	722		1	472	249				
2051 PAINTS-----	2,101		1	2,100					
2061 GUM AND WOOD CHEMICALS-----	18				18				
2071 NITROGENOUS CHEM FERTILIZERS-----	586,453		507,558		25,787		53,108		
2076 INSECTICIDES, DISINFECTANTS-----	3,015			22	2,993				
2079 FERTILIZER AND MATERIALS, NEC-----	14,541						14,541		
2091 MISCELLANEOUS CHEMICAL PROD-----	3,090		127	1,190	1,773				
2911 GASOLINE-----	7,642								7,642
2912 JET FUEL-----	166,817								166,817
2914 DISTILLATE FUEL OIL-----	11,520								11,520
2915 RESIDUAL FUEL OIL-----	14,521								14,521
2916 LUBRICATING OILS AND GREASES-----	1,450			794	656				
2918 ASPHALT, TAR, AND PITCHES-----	171,445							171,445	
2920 COKE, PETROLEUM-----	268				268				
2951 ASPHALT BUILDING MATERIALS-----	27		27						
3011 RUBBER AND MISC PLASTIC PROD-----	1,400		19	394	987				
3111 LEATHER AND LEATHER PRODUCTS-----	79			60	19				
3211 GLASS AND GLASS PRODUCTS-----	1,496			1,003	495				
3251 STRUCTURAL CLAY PRODUCTS-----	3,546			149	3,397				
3271 LIME-----	17				17				
3281 CUT STONE AND STONE PRODUCTS-----	24			24					
3291 MISC NONMETALLIC MINERAL PROD-----	256			222	34				
3515 IRON, STEEL SHAPES, EXC SHEET-----	156			137	19				
3516 IRON AND STEEL PLATES, SHEETS-----	153				133				
3517 IRON AND STEEL PIPE AND TUBE-----	1,275		2	1	1,272				
3518 FERRUALLIOTS-----	115			93	22				
3519 IRON AND STEEL PRODUCTS, NEC-----	64			61	3				
3521 NONFERROUS METALS, NEC-----	59			50	9				
3522 COPPER ALLOYS, UNWORKED-----	728	20		641	67				
3523 LEAD AND ZINC, UNWORKED-----	220				220				
3524 ALUMINUM AND ALLOYS, UNWORKED-----	4,956			4,414	542				
3511 FABRICATED METAL PRODUCTS-----	1,230		38	594	598				
3511 MACHINERY, EXCEPT ELECTRICAL-----	3,411		34	2,117	1,218		42		
3611 ELECTRICAL MACH AND EQUIP-----	2,306		3	1,230	1,133				
3711 MOTOR VEHICLES, PARTS, EQUIP-----	500		50	222	228				
3721 AIRCRAFT AND PARTS-----	2				2				
3731 SHIPS AND BOATS-----	14			12	2				
3791 MISC TRANSPORTATION EQUIPMENT-----	27				27				
3811 INSTA, TIME, PHOTO, OPT GOODS-----	938		2	433	503				
3711 MISC MANUFACTURED PRODUCTS-----	453			437	16				
4011 IRON AND STEEL SCRAP-----	45,431				45,431				
4012 NONFERROUS METAL SCRAP-----	157			25	132				
4022 TEXTILE WASTE, SCRAP, SWEEP-----	149			110	39				
4024 PAPER WASTE AND SCRAP-----	547		41		506				
4112 COMMODITIES, NEC-----	1,154		25	630	499				
9999 DEPARTMENT OF DEFENSE AND SCI-----	563		8		535				

TON-MILES, OCEANGOING, 107,318,170.

INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	INBOUND	OUTBOUND		THROUGH		
		UPBOUND	UPBOUND	DOWNBOUND	DOWNBOUND	UPBOUND	DOWNBOUND
TOTAL-----	9,344,699	2,274,616	769,760	4,848,710	542,329	359,748	549,536
0912 SHELLFISH, EXCEPT PREPARED-----	505	-----	-----	565	-----	-----	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	5,473	-----	-----	-----	-----	5,473	-----
1121 COAL AND LIGNITE-----	581,223	581,223	-----	-----	-----	-----	-----
1462 SAND, GRAVEL, CRUSHED ROCK-----	7,103,595	1,336,384	767,405	4,455,447	542,329	-----	1,830
1492 SULPHUR, DRY-----	1,200	-----	-----	1,200	-----	-----	-----
2816 SULPHURIC ACID-----	3,220	3,220	-----	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	238,263	238,263	-----	-----	-----	-----	-----
2071 NITROGENOUS CHEM FERTILIZERS-----	386,633	-----	-----	383,252	-----	3,381	-----
2079 FERTILIZER AND MATERIALS, NEC-----	7,000	500	-----	5,800	-----	700	-----
2911 GASOLINE-----	331,511	-----	-----	-----	-----	-----	331,511
2913 KEROSENE-----	12,790	-----	-----	-----	-----	-----	12,790
2914 DISTILLATE FUEL OIL-----	130,100	27,243	2,358	2,427	-----	19,470	78,605
2915 RESIDUAL FUEL OIL-----	498,414	87,658	-----	-----	-----	285,956	124,800
2918 ASPHALT, TAR, AND PITCHES-----	15,741	-----	-----	-----	-----	15,741	-----
2991 PETROLEUM AND COAL PROD, NEC-----	29,027	-----	-----	-----	-----	29,027	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	125	125	-----	-----	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	19	-----	-----	19	-----	-----	-----
TON-MILES, INTERNAL, 557,232,764.							

TON-MILES, INTERNAL, 557,232,784.

TONS, ALL TRAFFIC, 10,726,389.

TON-MILES, ALL TRAFFIC, 664,550,954.

NORFOLK, VA, DISTRICT

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PORT OF HOPEWELL, VA.
(INCLUDED IN JAMES RIVER, VA., CONSOLIDATED REPORT)

SECTION INCLUDED: SOUTH SIDE OF JAMES RIVER, FROM CITY POINT, AT MOUTH OF APPOMATTOX RIVER, 2.0 MILES DOWNSTREAM TO THE MOUTH OF BAILEYS CREEK. CONTROLLING DEPTH: 25.0 FEET AT MEAN LOW WATER. PROJECT DEPTH: 35 FEET, MAINTAINED TO 25 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977	1,111,457	1982	824,010
1978	1,286,597	1983	1,194,690
1979	1,189,425	1984	1,103,516
1980	1,265,528	1985	1,037,048
1981	1,015,424	1986	1,427,367

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
TOTAL	1,427,387	69,728	533,347	7,500	67,649	358,911	390,252
0103 CORN	24,263		24,263				
0121 TOBACCO, LEAF	198		198				
1042 SAND, GRAVEL, CRUSHED ROCK	17,649					17,649	
1451 CLAY	7,800	7,800					
1492 SULPHUR, OXY	1,200						1,200
1499 NONMETALLIC MINERALS, NEC	19		19				
2111 TOBACCO MANUFACTURES	347		347				
2211 BASIC TEXTILE PRODUCTS	28		28				
2421 LUMBER	57		57				
2612 DYES, PIGMENT, TANNING MATS	18		18				
2618 SULPHURIC ACID	10,720			7,500		3,220	
2619 BASIC CHEMICALS AND PROD, NEC	300,315	61,908	144			238,263	
2621 PLASTIC MATERIALS	294		294				
2622 SYNTHETIC RUBBER	31		31				
2631 DRUGS	12		12				
2841 SOAP	1		1				
2851 PAINTS	1		1				
2871 NITROGENOUS CHEM FERTILIZERS	943,918		507,558		53,108		383,252
2879 FERTILIZER AND MATERIALS, NEC	20,841				14,541	500	5,800
2691 MISCELLANEOUS CHEMICAL PROD	127		127				
2914 DISTILLATE FUEL OIL	11,621					11,621	
2915 RESIDUAL FUEL OIL	87,658					87,658	
2951 ASPHALT BUILDING MATERIALS	27		27				
3011 RUBBER AND MISC PLASTIC PROD	19		19				
3317 IRON AND STEEL PIPE AND TUBE	2		2				
3322 COPPER ALLOYS, UNWORKED	20	20					
3411 FABRICATED METAL PRODUCTS	38		38				
3511 MACHINERY, EXCEPT ELECTRICAL	34		34				
3611 ELECTRICAL MACH AND EQUIP	3		3				
3711 MOTOR VEHICLES, PARTS, EQUIP	50		50				
3811 INSTR, TIME, PHOTO, OPT GOODS	2		2				
4024 PAPER WASTE AND SCRAP	41		41				
4112 COMMODITIES, NEC	25		25				
9999 DEPARTMENT OF DEFENSE AND SCI	8		8				

LITTLE RIVER (CREEK), VA.

SECTION INCLUDED: FROM THE 22-FOOT CONTOUR IN CHESAPEAKE BAY TO THE PENNSYLVANIA R. R. TERMINALS IN VIRGINIA BEACH, VA., A DISTANCE OF ABOUT 4.0 MILES, AND INCLUDING A BASIN AT THE TERMINALS 22 FEET DEEP, 400 FEET TO 1,240 FEET WIDE AND 1,160 FEET LONG. CONTROLLING DEPTH: 21.5 FEET AT MEAN LOW WATER. PROJECT DEPTH: 22 FEET AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC RAILROAD FREIGHT CARS			
			RECEIPTS		SHIPMENTS	
			EMPTY	LOADED	EMPTY	LOADED
1977	284,041	7,100	4,234	2,085	1,151	6,664
1978	266,757	48	2,846	5,013	3,271	4,130
1979	262,921		3,664	2,718	1,776	4,785
1980	246,319		6,053	1,654	875	6,631
1981	228,757		5,323	1,548	1,072	5,316
1982	206,667	1,200	4,814	1,015	627	5,962
1983	244,133		6,553	870	1,067	7,222
1984	297,549		6,719	1,342	1,060	8,341
1985	275,667		7,827	1,339	906	4,832
1986	378,249		7,647	1,244	983	8,747

Waterborne Commerce of the United States, 1986

LITTLE RIVER (CREEK), VA.--CONTINUED

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
TOTAL-----	378,249	371,802	6,447
0912 SMALLFISH, EXCEPT PREPARED-----	23	23	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	336,100	336,100	-----
2912 JET FUEL-----	1,422	1,422	-----
2914 DISTILLATE FUEL OIL-----	40,674	39,257	6,417
3711 MOTOR VEHICLES, PARTS, EQUIP-----	30	-----	30
TOTAL TON-MILES, 378,249.			

HAMPTON CREEK, VA.

SECTION INCLUDED: FROM THE CHANNEL ENTRANCE NEAR OLD POINT, VA., ACROSS HAMPTON BAN FLATS AND UP HAMPTON CREEK TO THE QUEEN STREET BRIDGE, A DISTANCE OF APPROXIMATELY 2.8 MILES. CONTROLLING DEPTH: 11.2 FEET AT MEAN LOW WATER. PROJECT DEPTH: 12 FEET AT MEAN LOW WATER. PROJECT LENGTH: 2.8 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	298,078	-----	1982-----	383,370	-----
1978-----	336,944	-----	1983-----	618,344	-----
1979-----	347,739	-----	1984-----	597,009	-----
1980-----	433,002	-----	1985-----	631,783	-----
1981-----	350,558	-----	1986-----	524,507	4,520

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
TOTAL-----		548,507	
0912 SMALLFISH, EXCEPT PREPARED-----			1,180
1442 SAND, GRAVEL, CRUSHED ROCK-----			500,181
2913 KEROSENE-----			136
2914 DISTILLATE FUEL OIL-----			23,010
TOTAL TON-MILES, 1,564,024.			

APPOMATTOX RIVER, VA.

SECTION INCLUDED: FROM MOUTH TO PETERSBURG, VIRGINIA, 11.0 MILES. CONTROLLING DEPTH: FROM THE MOUTH TO MILE POINT 7.8, 8 FEET; THENCE TO MILE POINT 8.5, 2.0 FEET; THENCE TO MILE POINT 11.0, 5.5 FEET. PROJECT DEPTH: 10 FEET. UNTIL THE VESSEL TRAFFIC INDICATES THE NEED FOR A CHANGE, THE 60 FOOT WIDE CHANNEL BETWEEN PUDDLEDUCK AND THE SMALL BOAT HARBOR WILL BE MAINTAINED TO A DEPTH OF 6 FEET. THE CHANNEL UPSTREAM OF THE SMALL BOAT HARBOR IS NOT BEING MAINTAINED.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	618,445	1982-----	832,146
1978-----	870,444	1983-----	1,150,217
1979-----	761,269	1984-----	1,217,126
1980-----	1,153,366	1985-----	1,214,848
1981-----	835,031	1986-----	1,361,993

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
TOTAL-----	1,361,993	23,609	1,338,384
1442 SAND, GRAVEL, CRUSHED ROCK-----	1,336,384	-----	1,336,384
2871 NITROGENOUS CHEM FERTILIZERS-----	3,381	3,381	-----
2879 FERTILIZER AND MATERIALS, NEC-----	700	700	-----
2915 RESIDUAL FUEL OIL-----	21,528	21,528	-----
TOTAL TON-MILES, 12,078,674.			

NORFOLK, VA, DISTRICT

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ATLANTIC INTRACASTAL WATERWAY BETWEEN NORFOLK, VA., AND
THE ST. JOHNS RIVER, FLA. (NORFOLK DISTRICT) VIA
GREAT BRIDGE LOCK ROUTE

SECTION INCLUDED: NORFOLK, VA., NORTH CAROLINA LINE. CONTROLLING DEPTH: 12.0 FEET AT MEAN LOW WATER. PROJECT DEPTH: 12 FEET AT MEAN LOW WATER. PROJECT LENGTH: 33.6 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	1,220,352	650	1982-----	1,154,590	600
1978-----	1,369,239	226	1983-----	1,296,667	320
1979-----	1,313,137	252	1984-----	1,345,262	91
1980-----	1,310,022	602	1985-----	1,318,792	351
1981-----	1,457,045	540	1986-----	1,294,164	450

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL			
		THROUGH	THROUGH	OUTBOUND	THROUGH	THROUGH	THROUGH
		NORTHBOUND	SOUTHBOUND	NORTHBOUND	NORTHBOUND	SOUTHBOUND	SOUTHBOUND
TOTAL-----	1,298,164	2,773	342	5,438	310,309	859,538	119,964
0103 CORN-----	35,515				35,515		
0107 WHEAT-----	20,305			5,438	20,305		
0111 SOYBEANS-----	39,654				39,654		
0911 FRESH FISH, EXCEPT SHELLFISH-----	32				32		
0912 SHELLFISH, EXCEPT PREPARED-----	6				6		
1691 NONFERROUS METALS, CONCENT., NEC-----	4,128						4,128
1692 SAND, GRAVEL, CRUSHED ROCK-----	645,816					645,816	
2691 VEGETABLE OILS, MAKG, SHORT-----	2,065				2,065		
2616 WOOD CHIPS, STAVES, MULDINGS-----	63,342				63,342		
2631 PAPER AND PAPERBOARD-----	65,852				65,852		
2671 INTRIGENOUS LIQUID FERTILIZERS-----	1,400				1,400		
2679 FERTILIZER AND MATERIALS, NEC-----	19,571				19,571		
2912 JET FUEL-----	215,005					215,005	
2914 DISTILLATE FUEL OIL-----	5,203					517	2,766
2920 COKE, PETROLEUM COKE-----	10,272						10,272
3312 SLAG-----	3,024						3,024
3315 IRON, STEEL SHAPES, EXC SHEET-----	103,553					31,695	71,858
3317 IRON AND STEEL PIPE AND TUBE-----	600						600
3318 FERRALLLOY-----	4,651					4,651	
3611 FABRICATED METAL PRODUCTS-----	386	340				25	21
3611 MACHINERY, EXCEPT ELECTRICAL-----	5,701	350	342		1,198		3,411
3611 ELECTRICAL MACH AND EQUIP-----	1,204	1,200			2		2
3711 MOTOR VEHICLES, PARTS, EQUIP-----	30						30
3721 AIRCRAFT AND PARTS-----	34					34	
3731 SHIPS AND BOATS-----	133	133					
3791 MISC TRANSPORTATION EQUIPMENT-----	750	750					
4011 IRON AND STEEL SCRAP-----	7,307						7,307
4029 WASTE AND SCRAP, NEC-----	10,145						10,145
4112 COMMODITIES, NEC-----	4,400				4,400		
TOTAL TON-MILES, 17,945,302.							

BLACKWATER RIVER, VA.

SECTION INCLUDED: MOUTH OF RIVER TO FRANKLIN, VA., 13.1 MILES VIA TWO CUTOFFS, CONTROLLING DEPTH: 7 FEET AT MEAN LOW WATER. PROJECT DEPTH: 12 FEET AT MEAN LOW WATER. ALSO INCLUDES A TURNING BASIN OF 3.2 ACRES AT FRANKLIN, VA.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	254,536	1982-----	278,060
1978-----	317,013	1983-----	274,069
1979-----	301,594	1984-----	274,013
1980-----	270,812	1985-----	283,691
1981-----	284,761	1986-----	316,478

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	INTERNAL
	INBOUND
2415 PULPMOOD, LOG-----	318,974
TOTAL TON-MILES, 8,146,714.	

Waterborne Commerce of the United States, 1986

YORK RIVER, VA.

SECTION INCLUDED: FROM THE MOUTH TO WEST POINT, VA., A DISTANCE OF 33.75 MILES, INCLUDING THE WESTERN SHORELINE OF THE TOWN OF WEST POINT AND A DIKE ON THE TOWN'S RIGHT BANK. CONTROLLING DEPTH: 18.1 FEET TO WEST POINT, 33 MILES ABOVE THE MOUTH. PROJECT DEPTH: 22 FEET AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	9,794,674	1,727	1982-----	4,777,714	2,149
1978-----	9,632,099	820	1983-----	4,217,731	1,700
1979-----	7,891,264	1,745	1984-----	4,949,336	949
1980-----	7,278,670	2,453	1985-----	5,133,327	904
1981-----	5,586,714	2,400	1986-----	4,786,711	600

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC			
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	UPBOUND	DOWNBOUND	INTERNAL THROUGH	
								UPBOUND	DOWNBOUND
TOTAL-----	4,786,711	2,555,706	25,078	359,746	659,154	588,820	556,899	60	41,248
0105 CORN-----	6,445								6,445
0107 WHEAT-----	10,312								10,312
0111 SOYBEANS-----	24,491								24,491
3912 SHELLFISH, EXCEPT PREPARED-----	228					120	48	60	
1511 CRUDE PETROLEUM-----	2,475,364	2,411,832				63,532			
2091 VEGETABLE OILS, MARG, SHORT-----	2,270		2,270						
2411 LOGS-----	21,950						21,950		
2415 PULPMOOD, LOG-----	47,267					47,267			
2416 WOOD CHIPS, STAVES, HOLDINGS-----	242,295					242,295			
2611 PULP-----	22,695		22,695						
2813 ALCOHOLS-----	33,124	33,124							
2817 BENZENE AND TOLUENE-----	6,890			6,890					
2911 GASOLINE-----	515,810				489,411				
2912 JET FUEL-----	295,153			13,198		110,039	26,459		
2914 DISTILLATE FUEL OIL-----	238,206				169,783	10,059	58,404		
2915 RESIDUAL FUEL OIL-----	832,792	109,066		339,662		105,949	278,118		
2916 LUBRICATING OILS AND GREASES-----	160					160			
2991 PETROLEUM AND COAL PROD, NEC-----	2,799					2,799			
3611 RUBBER AND MISC PLASTIC PROD-----	10	10							
3315 IRON, STEEL SHAPES, EXC SHEET-----	1,136	1,136							
3511 MACHINERY, EXCEPT ELECTRICAL-----	114	1	113						
4029 WASTE AND SCRAP, NEC-----	6,600					6,600			
4112 COMMODITIES, NEC-----	540	540							
TOTAL TON-MILES-----	43,793,384								

NORFOLK, VA, DISTRICT

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OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMUNITY	TONS	TOTAL TONS MILLER	PASSENGERS
PROJECT				
ABERDEEN CREEK, VA.	0912 SHELLFISH, EXCEPT PREPARED	48	44	
ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND THE ST. JAMES RIVER, FLA. (NORFOLK DISTRICT)				
DISMAL SWAMP AND ADJUTAIN RIVER	0103 CORN	21,913		
	0107 MEAT	14,094		
	0111 BEANS	32,803		
	0911 FRESH FISH, EXCEPT SHELLFISH	32		
	0912 SHELLFISH, EXCEPT PREPARED	6		
	1499 NONMETALLIC MINERALS, NEC.	1,794		
	2415 PULPWOOD, LOG	17,146		
	2415 WOOD CHIPS, STAVES, MILLINGS	13,382		
	TOTAL	247,100	5,247,922	
BEACH CREEK, VA.	0912 SHELLFISH, EXCEPT PREPARED	48	48	
BROAD CREEK, VA.	0911 FRESH FISH, EXCEPT SHELLFISH	9		
	0912 SHELLFISH, EXCEPT PREPARED	28		
	TOTAL	37	37	
CAPE CHARLES CITY HARBOR, VA.	0912 SHELLFISH, EXCEPT PREPARED	2,460		
	1442 SAND, GRAVEL, CRUSHED ROCK	53,581		
	3241 BUILDING CEMENT	600		
	TOTAL	56,641	149,923	5,014
CARTERS CREEK, VA.	0912 SHELLFISH, EXCEPT PREPARED	84	84	
CHANNEL CONNECTING YORK RIVER, VA., WITH BACK CREEK TO SLAUGHTS MARSH, VA.	0912 SHELLFISH, EXCEPT PREPARED	81	82	
CHANNEL FROM PHOEBUS, VA. TO DEEP WATER IN HAMPTON ROADS, VA.	NO COMMERCE REPORTED			
CHESAPEAKE CREEK, VA.	0911 FRESH FISH, EXCEPT SHELLFISH	51		
	0912 SHELLFISH, EXCEPT PREPARED	14		
	TOTAL	65	195	
CHINCOTEAGUE BAY, MD. AND VA.	0911 FRESH FISH, EXCEPT SHELLFISH	94		
	0912 SHELLFISH, EXCEPT PREPARED	4,967		
	0931 MARINE SHELLS, UNMANUFACTURED	9		
	TOTAL	5,070	47,645	1,980
CHINCOTEAGUE HARBOR OF REFUGE, VA.	0912 SHELLFISH, EXCEPT PREPARED	3		
CRANES CREEK, VA.	0912 SHELLFISH, EXCEPT PREPARED	4	4	12
DAVIS CREEK, VA.	0911 FRESH FISH, EXCEPT SHELLFISH	1		
	0912 SHELLFISH, EXCEPT PREPARED	201		
	TOTAL	202	202	
DEEP CREEK, ACCOMACK COUNTY, VA.	0912 SHELLFISH, EXCEPT PREPARED	4	24	
DEEP CREEK, NEWPORT NEWS, VA.	0912 SHELLFISH, EXCEPT PREPARED	205	410	
DELAWARE BAY - CHESAPEAKE BAY WATERWAY - VIRGINIA PORTION	0911 FRESH FISH, EXCEPT SHELLFISH	780		
	0912 SHELLFISH, EXCEPT PREPARED	50,000		
	0931 MARINE SHELLS, UNMANUFACTURED	6,529		
	TOTAL	57,313	5,333,160	4,020
DYMERS CREEK, VA.	NO COMMERCE REPORTED			
GREENVALE CREEK, VA.	NO COMMERCE REPORTED			
HORN HARBOR, VA.	0912 SHELLFISH, EXCEPT PREPARED	31	93	
HOSKINS CREEK, VA.	0107 MEAT	3,867	3,867	
JACKSON CREEK, VA.	0912 SHELLFISH, EXCEPT PREPARED	43	43	552
KINGS CREEK, NORTHAMPTON COUNTY, VA.	0912 SHELLFISH, EXCEPT PREPARED	1	1	1,140
LAFAYETTE RIVER, VA.	NO COMMERCE REPORTED			
LITTLE WACHIPONGO RIVER, VA.	NO COMMERCE REPORTED			
LOCKLIES CREEK, VA.	0912 SHELLFISH, EXCEPT PREPARED	839	869	4,340
LYNHAVEN ROADS, INLET, AND CONNECTING WATERS, VA.	2914 DISTILLATE FUEL OIL	134		
	2916 LUBRICATING OILS AND GREASES	1		
	TOTAL	135	135	
MATTABONI RIVER, VA.	NO COMMERCE REPORTED			
MEHERRIN RIVER, N. C.	NO COMMERCE REPORTED			
MILFORD HAVEN, VA.	0912 SHELLFISH, EXCEPT PREPARED	135	135	
MILL CREEK, VA.	NO COMMERCE REPORTED			
MULBERRY CREEK, VA.	NO COMMERCE REPORTED			

Waterborne Commerce of the United States, 1986

OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMUNITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT--CONTINUED				
NANOVA CREEK, VA.	NO COMMERCE REPORTED			
NANSEMOND RIVER, VA.	1402 SAND, GRAVEL, CRUSHED ROCK	10,476	178,092	
ROCKHAMMOCK CREEK, VA.	0911 FRESH FISH, EXCEPT SHELLFISH	10	60	
ORANCOCK RIVER, VA.	0911 FRESH FISH, EXCEPT SHELLFISH	30		
	2911 GASOLINE	4,235		
	2914 DISTILLATE FUEL OIL	18,703		
	TOTAL	23,058	123,998	2,660
OYSTER CHANNEL, VA.	0912 SHELLFISH, EXCEPT PREPARED	1,702	1,702	
PACAN RIVER, VA.	NO COMMERCE REPORTED			
PANJUFAY RIVER, VA.	0103 CORN	6,945		
	0107 WHEAT	10,312		
	0111 SOYBEANS	24,491		
	0912 SHELLFISH, EXCEPT PREPARED	60		
	TOTAL	41,308	43,816	
PARKER CREEK, VA.	NO COMMERCE REPORTED			
PARROTTS CREEK, VA.	NO COMMERCE REPORTED			
QUEENS CREEK, VA.	NO COMMERCE REPORTED			
QUINBY CREEK, VA.	0912 SHELLFISH, EXCEPT PREPARED	32	32	
RAPPANHAMMOCK RIVER, VA.	0107 WHEAT	3,067		
	0911 FRESH FISH, EXCEPT SHELLFISH	46		
	0912 SHELLFISH, EXCEPT PREPARED	3,538		
	0931 MARINE SHELLS, MANUFACTURED	9,233		
	2415 PULPWOOD, LOG	20,817		
	TOTAL	37,501	1,189,234	4,360
STANLINGS CREEK, VA.	0911 FRESH FISH, EXCEPT SHELLFISH	2		
	0912 SHELLFISH, EXCEPT PREPARED	410		
	TOTAL	412	412	
TANGIER CHANNEL, VA.	0912 SHELLFISH, EXCEPT PREPARED	45		
	2911 GASOLINE	106		
	2914 DISTILLATE FUEL OIL	1,445		
	4112 COMMODITIES, NEC	26		
	TOTAL	1,622	1,622	35,578
TOTUSKEY CREEK, VA.	2415 PULPWOOD, LOG	20,817	43,268	
TYLERS REACH, VA.	NO COMMERCE REPORTED			
URBANNA CREEK, VA.	0912 SHELLFISH, EXCEPT PREPARED	16	16	
WILLOUGHBY CHANNEL, VA.	NO COMMERCE REPORTED			
WINTER HARBOR, VA.	NO COMMERCE REPORTED			
WISART POINT CHANNEL, VA.	NO COMMERCE REPORTED			

WILMINGTON, NC, DISTRICT

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CHowan RIVER, N. C.

SECTION INCLUDED: FROM THE MOUTH AT EDLTON, N. C. TO THE CONFLUENCE OF THE WHEARRIN RIVER, ABOUT 42 MILES. CONTROLLING DEPTH: 11 FEET. PROJECT DEPTH: 12 FEET DEEP, 80 FEET ATOL.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	257,569	1982-----	262,536
1978-----	320,171	1983-----	276,801
1979-----	303,196	1984-----	276,926
1980-----	273,229	1985-----	284,196
1981-----	286,675	1986-----	322,613

FREIGHT TRAFFIC, 1986

DOMESTIC (SHORT TONS)

COMMODITY	TOTAL	INTERNAL		
		OUTBOUND	DOWNBOUND	THROUGH UPBOUND
TOTAL-----	322,613	49,320	2,425	270,868
0911 FRESH FISH, EXCEPT SHELLFISH-----	3,634	1,210	2,424	-----
0912 SHELLFISH, EXCEPT PREPARED-----	1	-----	1	-----
2415 PULPWOOD, LOG-----	318,978	48,110	-----	270,868

TOTAL TON-MILES, 14,855,242.

PAMLICO AND TAR RIVERS, N. C.

SECTION INCLUDED: FROM 14 MILES BELOW WASHINGTON ON PAMLICO RIVER, TO LITTLE FALLS, 83 MILES ABOVE WASHINGTON ON TAR RIVER, A TOTAL DISTANCE OF 97 MILES. CONTROLLING DEPTH: 10.3 FEET TO WASHINGTON, 6.0 FEET FROM WASHINGTON TO HARDEE CREEK; BRANCH CHANNELS RANGE FROM 1 TO 6 FEET. PROJECT DEPTH: 12 FEET TO HARDEE CREEK, 6 FEET TO GREENVILLE, AND 20 INCHES TO TARBORO, THENCE TO CLEAR NATURAL CHANNEL ABOVE TARBORO TO LITTLE FALLS. ALL AT MEAN LOW WATER. NAVIGATION SEASON: NAVIGABLE TO GREENVILLE THE ENTIRE YEAR; ABOVE GREENVILLE DURING FRESHET STAGES, WHICH PREVAIL FOR 4 TO 6 MONTHS DURING THE YEAR.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	1,172,826	1982-----	1,457,850
1978-----	1,269,758	1983-----	1,693,741
1979-----	1,321,381	1984-----	1,450,798
1980-----	846,583	1985-----	1,181,058
1981-----	1,293,610	1986-----	2,284,530

FREIGHT TRAFFIC, 1986

DOMESTIC (SHORT TONS)

COMMODITY	TOTAL	INTERNAL			
		INBOUND	OUTBOUND	UPBOUND	THROUGH UPBOUND DOWNBOUND
TOTAL-----	2,284,530	628,324	1,653,815	1,533	178 700
0911 FRESH FISH, EXCEPT SHELLFISH-----	402	-----	-----	401	1
0912 SHELLFISH, EXCEPT PREPARED-----	1,309	-----	-----	1,132	177
1493 SULPHUR, LIQUID-----	621,300	621,300	-----	-----	-----
2819 BASIC CHEMICALS AND PHOD, NEC-----	310,900	-----	310,900	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	1,400	-----	1,400	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	1,341,515	-----	1,341,515	-----	-----
2915 RESIDUAL FUEL OIL-----	7,024	7,024	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	700	-----	-----	-----	700

TOTAL TON-MILES, 57,229,729.

ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND THE ST. JOHNS RIVER, FLA. (WILMINGTON DISTRICT)

SECTION INCLUDED: ATLANTIC INTRACOASTAL WATERWAY, VIRGINIA STATE LINE TO SOUTH CAROLINA STATE LINE, INCLUDING WATERWAY TO JACKSONVILLE, N. C. CONTROLLING DEPTH: 9 FEET THROUGH THE WATERWAY AND 09 FEET TO JACKSONVILLE, N. C. PROJECT DEPTH: 12 FEET, ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	3,343,634	62,883	1982-----	2,204,716	65,379
1978-----	3,620,049	77,342	1983-----	2,504,386	49,690
1979-----	3,719,199	28,318	1984-----	2,163,156	28,642
1980-----	2,603,366	33,886	1985-----	1,751,279	49,474
1981-----	2,751,575	15,514	1986-----	2,878,175	69,352

Waterborne Commerce of the United States, 1986

ATLANTIC INTRACASTAL WATERWAY BETWEEN NORFOLK, VA., AND
THE ST. JOHNS RIVER, FLA. (WILMINGTON DISTRICT)--CONTINUED

FREIGHT TRAFFIC, 1986

OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	DOMESTIC COASTWISE THROUGH	
		NORTHBOUND	SOUTHBOUND
TOTAL-----	3,515	2,773	742
3411 FABRICATED METAL PRODUCTS-----	340	340	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	1,092	350	742
3611 ELECTRICAL MACH AND EQUIP-----	1,260	1,206	-----
3731 SHIPS AND BOATS-----	133	133	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	750	750	-----
TON-MILES, OCEANGOING, 972,620,			

INTERNAL
(SHORT TONS)

COMMODITY	TOTAL	NORTHBOUND	INBOUND NORTHBOUND	OUTBOUND NORTHBOUND	THROUGH NORTHBOUND	SOUTHBOUND	INBOUND SOUTHBOUND	OUTBOUND SOUTHBOUND	THROUGH SOUTHBOUND
TOTAL-----	2,874,660	1,237	6,356	10,406	1,058,177	1,343	4,185	1,817	1,791,139
0103 CORN-----	35,515	-----	-----	6,920	28,595	-----	-----	-----	-----
0107 WHEAT-----	20,867	-----	-----	-----	20,867	-----	-----	-----	-----
7111 SOYBEANS-----	39,658	-----	-----	3,486	36,168	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	8,803	135	702	-----	1,374	746	2,897	210	2,739
0912 SHELLFISH, EXCEPT PREPARED-----	11,516	1,102	1,871	-----	3,641	597	666	1,444	2,173
1091 NONFERROUS ORES, CONCENT, NEC-----	4,128	-----	-----	-----	-----	-----	-----	-----	4,128
1493 SULPHUR, LIQUID-----	621,300	-----	-----	-----	621,300	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	2,737	-----	-----	-----	2,737	-----	-----	-----	-----
2091 VEGETABLE OILS, MARG, SHORT-----	9,415	-----	-----	-----	7,365	-----	-----	-----	2,050
2416 WOOD CHIPS, STAVES, HOLDINGS-----	83,342	-----	-----	-----	83,342	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	65,852	-----	-----	-----	65,852	-----	-----	-----	-----
2813 ALCOHOLS-----	2,497	-----	-----	-----	2,497	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	310,900	-----	-----	-----	-----	-----	-----	-----	310,900
2871 NITROGENOUS CHEM FERTILIZERS-----	6,163	-----	-----	-----	4,783	-----	-----	-----	1,400
2879 FERTILIZER AND MATERIALS, NEC-----	1,341,515	-----	-----	-----	18,221	-----	-----	-----	1,323,294
2911 GASOLINE-----	2,263	-----	-----	-----	1,141	-----	-----	-----	1,142
2912 JET FUEL-----	39,530	-----	-----	-----	31,396	-----	-----	-----	8,134
2914 DISTILLATE FUEL OIL-----	9,369	-----	3,783	-----	1,367	-----	-----	163	4,036
2915 RESIDUAL FUEL OIL-----	78,942	-----	-----	-----	66,223	-----	-----	-----	12,719
2917 NAPHTHA, PETROLEUM SOLVENTS-----	2,159	-----	-----	-----	2,159	-----	-----	-----	-----
2920 COKE, PETROLEUM COKE-----	16,272	-----	-----	-----	-----	-----	-----	-----	16,272
3291 MISC NONMETALLIC MINERAL PROD-----	4,644	-----	-----	-----	4,644	-----	-----	-----	-----
3312 SLAG-----	3,024	-----	-----	-----	-----	-----	-----	-----	3,024
3315 IRON, STEEL SHAPES, EXC SHEET-----	116,033	-----	-----	-----	44,175	-----	-----	-----	71,858
3317 IRON AND STEEL PIPE AND TUBE-----	600	-----	-----	-----	-----	600	-----	-----	-----
3318 FERROALLOYS-----	4,651	-----	-----	-----	4,651	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	46	-----	-----	-----	25	-----	-----	-----	21
3511 MACHINERY, EXCEPT ELECTRICAL-----	5,009	-----	-----	-----	1,198	-----	-----	-----	3,811
3611 ELECTRICAL MACH AND EQUIP-----	4	-----	-----	-----	2	-----	-----	-----	2
3711 MOTOR VEHICLES, PARTS, EQUIP-----	30	-----	-----	-----	-----	-----	-----	-----	30
3721 AIRCRAFT AND PARTS-----	43	-----	-----	-----	34	-----	-----	-----	9
4011 IRON AND STEEL SCRAP-----	13,252	-----	-----	-----	-----	-----	-----	-----	13,252
4029 WASTE AND SCRAP, NEC-----	10,145	-----	-----	-----	-----	-----	-----	-----	10,145
4112 COMMODITIES, NEC-----	4,400	-----	-----	-----	4,400	-----	-----	-----	-----
TON-MILES, INTERNAL, 215,091,289,									
TONS, ALL TRAFFIC, 2,878,175,									
TON-MILES, ALL TRAFFIC, 216,063,909,									

MOREHEAD CITY HARBOR, N. C.

SECTION INCLUDED: MOREHEAD CITY HARBOR, N. C. CONTROLLING DEPTH: 40.0 FEET FROM THE OCEAN TO THE MARINE TERMINALS; OTHER CHANNELS RANGE FROM 6.5 TO 12.0 FEET. PROJECT DEPTH: 42 FEET DEEP 850 FEET WIDE ACROSS BAR CHANNEL; A CUTOFF CHANNEL, 40 FEET DEEP AND 600 FEET WIDE, AN INNER HARBOR CHANNEL 40 FEET DEEP AND 400 FEET WIDE; AND A DEPTH OF 40 FEET IN THE EAST LEG OF THE TURNING BASIN, INCLUDING A 1,200-FOOT DIAMETER TURNING AREA; 35 FEET IN THE WEST LEG OF THE TURNING BASIN AND 12 FEET FROM THE TURNING BASIN TO 10TH STREET, MOREHEAD CITY, AND 6 FEET TO BOGUE SOUND, ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1977-----	2,874,828	22,500	29,887	1982-----	3,690,281	21,300	40,915
1978-----	3,343,434	64,486	18,991	1983-----	4,233,292	20,642	29,015
1979-----	3,566,907	16,684	48,499	1984-----	4,155,241	18,170	34,539
1980-----	3,010,777	114	40,919	1985-----	3,605,320	15,836	21,003
1981-----	3,889,850	12,580	143,983	1986-----	5,195,605	16,296	28,913

WILMINGTON, NC, DISTRICT

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WILMINGTON CITY HARBOR, N. C.--CONTINUED

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	5,195,605	540,406	1,845,378	413,397	50,689	1,666,744	662,581	12,650
0121 TOBACCO, LEAF-----	49,095	22,453	26,642					
0911 FRESH FISH, EXCEPT SHELLFISH-----	316					316		
0912 SHELLFISH, EXCEPT PREPARED-----	87					87		
1121 COAL AND LIGNITE-----	265,644		265,644					
1471 PHOSPHATE ROCK-----	659,315		659,315					
1479 NATURAL FERTILIZER MATS, NEC-----	1,845	1,845						
1491 SALT-----	27,355	27,355						
1493 SULPHUR, LIQUID-----	1,033,152			411,852			621,300	
2039 PREP FRUIT AND VEG JUICE, NEC-----	173	173						
2042 ANIMAL FEEDS-----	24,799	24,799						
2091 VEGETABLE OILS, MARG, SHORT-----	8,124		2,824			5,300		
2099 MISCELLANEOUS FOOD PRODUCTS-----	122	122						
2211 BASIC TEXTILE PRODUCTS-----	14	14						
2311 APPAREL-----	9	9						
2411 LOGS-----	20,420		20,420					
2421 LUMBER-----	10,041	10,041						
2431 VENEER, PLYWOOD, WORKED WOOD-----	9,275	9,275						
2611 PULP-----	5,579		5,579					
2631 PAPER AND PAPERBOARD-----	32,585	8,660	23,925					
2819 BASIC CHEMICALS AND PROD, NEC-----	491,635	180,003	672			310,900		
2821 PLASTIC MATERIALS-----	1	1						
2823 SYNTHETIC (MAN-MADE) FIBERS-----	26	26						
2871 NITROGENOUS CHEM FERTILIZERS-----	36,744	22,961			9,000	4,783		
2872 POTASSIC CHEM FERTILIZERS-----	90,736	27,612	63,118					
2873 PHOSPHATIC CHEM FERTILIZERS-----	277,714		265,064					12,650
2879 FERTILIZER AND MATERIALS, NEC-----	1,650,821		311,603		17,274	1,321,944		
2891 MISCELLANEOUS CHEMICAL PROD-----	208		208					
2912 JET FUEL-----	28,574						28,574	
2914 DISTILLATE FUEL OIL-----	1,387					1,387		
2915 RESIDUAL FUEL OIL-----	83,847	53,449				23,374	7,024	
2916 ASPHALT, TAR, AND BITUMENS-----	147,368	145,423		1,545				
3251 STRUCTURAL CLAY PRODUCTS-----	156	156						
3291 MISC NONMETALLIC MINERAL PROD-----	31,817	6			28,375	3,436		
3315 IRON, STEEL SHAPES, EXC SHEET-----	1,128	428					700	
3321 NONFERROUS METALS, NEC-----	473	187	286					
3324 ALUMINUM AND ALLOYS, UNWORKED-----	557	557						
3411 FABRICATED METAL PRODUCTS-----	160	160						
3511 MACHINERY, EXCEPT ELECTRICAL-----	4,258	4,251	27					
3611 ELECTRICAL MACH AND EQUIP-----	11		11					
3711 MOTOR VEHICLES, PARTS, EQUIP-----	10		10					
3721 AIRCRAFT AND PARTS-----	8		8					
3811 INSTR, TIME, PHOTO, OPT GOODS-----	5		5					
4112 COMMODITIES, NEC-----	17		17					
TOTAL TON-MILES, 16,082,526.								

PORT OF WILMINGTON, N. C.
(SEE ALSO WILMINGTON HARBOR, N. C. FOR WATERWAY DATA)

SECTION INCLUDED: BOTH BANKS OF THE CAPE FEAR RIVER EXTENDING FROM A POINT ABOUT 18 MILES BELOW THE FOOT OF CASTLE STREET IN WILMINGTON TO A POINT ABOUT 2 MILES ABOVE THE RAILROAD BRIDGE AT NAVASSA, AND BOTH BANKS OF NORTHEAST (CAPE FEAR) RIVER FROM ITS MOUTH TO A POINT ABOUT 1.67 MILES ABOVE THE HILTON RAILROAD BRIDGE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	9,504,953	96,448	1982-----	5,661,499	129,683
1978-----	9,212,517	109,431	1983-----	5,731,788	144,051
1979-----	9,576,644	141,754	1984-----	5,535,345	133,994
1980-----	7,826,488	147,145	1985-----	5,395,961	175,971
1981-----	7,873,616	127,179	1986-----	6,586,947	228,044

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	6,586,947	2,369,024	689,460	2,729,811	6,650	24,318	751,224	16,460
0101 COTTON, RAW-----	215		215					
0103 CORN-----	20		20					
0105 RICE-----	5,075		5,075					
0106 SORGHUM GRAINS-----	233		233					
0111 SOYBEANS-----	150		150					
0119 OILSEEDS, NEC-----	66		66					
0121 TOBACCO, LEAF-----	81,121	25,748	55,373					
0129 FIELD CROPS, NEC-----	2		2					
0131 FRESH FRUITS-----	29,584		29,584					
0133 COFFEE-----	2,252	2,217	35					
0141 FRESH AND FROZEN VEGETABLES-----	487	158	329					
0161 ANIMALS AND PRODUCTS, NEC-----	1,335	87	1,248					
0191 MISCELLANEOUS FARM PRODUCTS-----	222	137	85					

Waterborne Commerce of the United States, 1986

POINT OF WILMINGTON, N. C.
(SEE ALSO WILMINGTON HARBOR, N. C. FOR WATERWAY DATA)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
0801 CRUDE RUBBER AND ALLIED GUMS	1,227	1,227						
0801 FOREST PRODUCTS, NEC	2,184	2,135	49					
0911 FRESH FISH, EXCEPT SHELLFISH	240	240						
0912 SHELLFISH, EXCEPT PREPARED	16	16						
1091 NONFERROUS DRES. CONCENT, NEC	86,375	86,375						
1402 SAND, GRAVEL, CRUSHED ROCK	1,418	90	928					
1451 CLAY	8,592	7,728	864					
1471 PHOSPHATE ROCK	15		15					
1479 NATURAL FERTILIZER MATS, NEC	8,432	8,432						
1491 SALT	257,178	257,178						
1494 GYPSUM, CRUDE AND PLASTERS	261,182	261,182						
1499 NONMETALLIC MINERALS, NEC	7,986	4,992	3,004					
1911 JEWELRY AND ACCESSORIES	525	496	29					
2011 MEAT, FRESH, CHILLED, FROZEN	19,494	63	19,431					
2012 MEAT AND PRODUCTS, NEC	661	661						
2014 TALLOW, ANIMAL FATS AND OILS	36	36						
2015 ANIMAL BY-PRODUCTS, NEC	100	100						
2021 DAIRY PRODUCTS, NEC	712	699	13					
2022 DRIED MILK AND CREAM	71	66	5					
2031 FISH AND SHELLFISH, PREPARED	514	418	96					
2034 VEGETABLES AND PREP, NEC	1,104	960	144					
2039 PREP FRUIT AND VEG JUICE, NEC	3,351	235	3,116					
2041 WHEAT FLOUR AND SEMOLINA	19		19					
2042 ANIMAL FEEDS	27,711		6,286	21,425				
2049 GRAIN MILL PRODUCTS, NEC	453	126	327					
2062 MOLASSES	116,239	116,239						
2081 ALCOHOLIC BEVERAGES	14,691	11,125	3,566					
2091 VEGETABLE OILS, WARE, SHORT	21,437	26	11,496				9,415	
2092 ANIMAL OILS AND FATS, NEC	85	45						
2095 ICE	84							
2099 MISCELLANEOUS FOOD PRODUCTS	2,141	1,562	559					
2111 TOBACCO MANUFACTURES	2,110	50	2,060					
2211 BASIC TEXTILE PRODUCTS	17,926	6,184	11,742					
2212 TEXTILE FIBERS, NEC	235	221	14					
2311 APPAREL	3,645	3,111	534					
2411 LUMBS	2,606	718	1,888					
2414 TIMBER, POSTS, POLES, PILING	1,140		1,140					
2421 LUMBER	58,005	23,375	34,630					
2431 VENEER, PLYWOOD, WORKED WOOD	7,369	4,240	3,109					
2491 WOOD MANUFACTURES, NEC	2,406	1,582	824					
2511 FURNITURE AND FIXTURES	14,649	14,493	156					
2611 PULP	314,829		314,829					
2631 PAPER AND PAPERBOARD	9,251	8,102	1,149					
2691 PULP AND PAPER PRODUCTS, NEC	2,384	1,597	787					
2711 PRINTED MATTER	130	92	38					
2811 SODIUM HYDROXIDE	25,700		20,200	5,500				
2811 CRUDE TAR, OIL, GAS PRODUCTS	2,641	2,610	31					
2812 DYES, PIGMENT, TANNING MATS	39		39					
2813 ALCOHOLS	354,385	172,432	1	103,978		2,497	75,477	
2816 RADIOACTIVE MATERIALS, WASTES	123	123						
2819 BASIC CHEMICALS AND PROD, NEC	1,379,797	364,296	67,581	558,334			389,582	
2821 PLASTIC MATERIALS	13,893	4,418	9,475					
2822 SYNTHETIC RUBBER	648	36	612					
2823 SYNTHETIC (MAN-MADE) FIBERS	11,324	2,977	8,347					
2831 DRUGS	713	505	208					
2841 SOAP	1,112	457	655					
2851 PAINTS	6,648	6,028	620					
2861 GUM AND WOOD CHEMICALS	378		378					
2871 NITROGENOUS CHEM FERTILIZERS	192,559	155,541	29	28,400			8,589	
2872 POTASSIC CHEM FERTILIZERS	44,041	44,041						
2876 INSECTICIDES, DISINFECTANTS	2,775	266	2,569					
2879 FERTILIZER AND MATERIALS, NEC	10,686	7,669	2,217					
2891 MISCELLANEOUS CHEMICAL PROD	30,931	303	2,345	28,283				1,000
2911 GASOLINE	517,201	7,726		507,192		1,141	1,142	
2912 JET FUEL	6,060			6,060				
2913 KEROSENE	46,135			46,135				
2914 DISTILLATE FUEL OIL	518,682			510,710		2,647	5,051	472
2915 RESIDUAL FUEL OIL	956,948	258,493		430,416		4,094	248,977	14,908
2916 LUBRICATING OILS AND GREASES	14,950	11	6,170	8,769				
2917 NAPHTHA, PETROLEUM SOLVENTS	171,379		22	169,198		2,159		
2918 ASPHALT, TAR, AND BITUMENS	288,448		37	288,411				
2920 COKE, PETROLEUM COKE	74		74					
2921 LIQUEFIED GASES	19		19					
2951 ASPHALT BUILDING MATERIALS	27		27					
2991 PETROLEUM AND COAL PROD, NEC	112	88	24					
3011 RUBBER AND MISC PLASTIC PROD	8,965	7,466	1,499					
3111 LEATHER AND LEATHER PRODUCTS	1,326	1,213	113					
3211 GLASS AND GLASS PRODUCTS	1,377	936	441					
3241 BUILDING CEMENT	133,937	133,896	41					
3251 STRUCTURAL CLAY PRODUCTS	2,104	1,187	917					
3281 CUT STONE AND STONE PRODUCTS	308		308					
3291 MISC NONMETALLIC MINERAL PROD	7,034	2,328	62				4,644	
3314 IRON AND STEEL PRIMARY FORMS	208	142	66					
3315 IRON, STEEL SHAPES, EXC SHEET	211,287	199,485	22			11,780		
3316 IRON AND STEEL PLATES, SHEETS	340		340					
3317 IRON AND STEEL PIPE AND TUBE	30,826	30,788	38					
3318 FERROALLOYS	751	296	455					
3319 IRON AND STEEL PRODUCTS, NEC	2,870	2,773	97					
3321 NONFERROUS METALS, NEC	498	465	33					
3322 COPPER ALLOYS, UNWORKED	1,049	1,001	48					
3323 LEAD AND ZINC, UNWORKED	752							
3324 ALUMINUM AND ALLOYS, UNWORKED	4,462	3,784	678					
3411 FABRICATED METAL PRODUCTS	35,840	34,156	1,684					

WILMINGTON, NC, DISTRICT

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PORT OF WILMINGTON, N. C.
(SEE ALSO WILMINGTON HARBOR, N. C. FOR WATERWAY DATA)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
3511 MACHINERY, EXCEPT ELECTRICAL-----	36,601	29,159	8,492	-----	1,150	-----	-----	
3611 ELECTRICAL MACH AND EQUIP-----	23,090	16,696	6,394	-----	-----	-----	-----	
3711 MOTOR VEHICLES, PARTS, EQUIP-----	12,174	10,579	1,595	-----	-----	-----	-----	
3721 AIRCRAFT AND PARTS-----	378	25	353	-----	-----	-----	-----	
3731 SHIPS AND BOATS-----	747	257	530	-----	-----	-----	-----	
3791 MISC TRANSPORTATION EQUIPMENT-----	416	1	415	-----	-----	-----	-----	
3811 INSTR, TIME, PHOTO, OPT GOODS-----	761	523	238	-----	-----	-----	-----	
3911 MISC MANUFACTURED PRODUCTS-----	4,875	4,762	113	-----	-----	-----	-----	
4011 IRON AND STEEL SCRAP-----	13,370	-----	7,425	-----	-----	-----	5,945	
4012 NONFERROUS METAL SCRAP-----	5,686	1,219	4,467	-----	-----	-----	-----	
4022 TEXTILE WASTE, SCRAP, SWEEP-----	11,896	629	11,272	-----	-----	-----	-----	
4024 PAPER WASTE AND SCRAP-----	7,565	-----	7,565	-----	-----	-----	-----	
4112 COMMODITIES, NEC-----	9,450	1,701	3,421	1,928	-----	-----	2,400	
9999 DEPARTMENT OF DEFENSE AND SCI-----	13,636	-----	13,636	-----	-----	-----	-----	

WILMINGTON HARBOR, N. C.
(SEE ALSO PORT OF WILMINGTON, N. C. FOR PORT DATA)

SECTION INCLUDED: FROM 1.67 MILES ABOVE THE HILTON BRIDGE AT WILMINGTON TO THE OCEAN, 33.67 MILES. CONTROLLING DEPTH: 37.0 FEET TO THE FOURTH EAST JETTY CHANNEL; OTHER CHANNELS RANGE FROM 24 TO 29 FEET. PROJECT DEPTH: 40.0 FEET OVER OCEAN BAR TO SOUTHPORT; 38 FEET FROM SOUTHPORT TO WILMINGTON HARBOR ANCHORAGE BASIN; 32 FEET FROM ANCHORAGE BASIN TO HILTON N. R. BRIDGE; 25 FEET FROM HILTON N. R. BRIDGE TO 1.67 MILES ABOVE, ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	10,400,290	104,432	1982-----	5,960,350	134,120
1978-----	9,920,216	116,491	1983-----	5,123,292	145,311
1979-----	10,293,376	145,403	1984-----	5,797,704	155,402
1980-----	8,402,279	152,229	1985-----	5,632,063	176,013
1981-----	8,434,798	129,739	1986-----	6,806,915	228,324

FREIGHT TRAFFIC, 1986

OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		THROUGH	
				RECEIPTS	SHIPMENTS	UPBOUND	DOWNBOUND
TOTAL-----	5,798,060	2,369,024	689,460	2,729,811	6,650	2,773	342
0101 COTTON, RAW-----	215	-----	215	-----	-----	-----	-----
0103 CORN-----	20	-----	20	-----	-----	-----	-----
0105 RICE-----	5,075	-----	5,075	-----	-----	-----	-----
0106 SORGHUM GRAINS-----	233	-----	233	-----	-----	-----	-----
0111 SOYBEANS-----	150	-----	150	-----	-----	-----	-----
0119 OILSEEDS, NEL-----	66	-----	66	-----	-----	-----	-----
0121 TOBACCO, LEAF-----	81,121	25,748	55,373	-----	-----	-----	-----
0129 FIELD CROPS, NEC-----	2	-----	2	-----	-----	-----	-----
0131 FRESH FRUITS-----	29,584	-----	29,584	-----	-----	-----	-----
0133 COFFEE-----	2,252	2,217	35	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	467	158	329	-----	-----	-----	-----
0141 ANIMALS AND PRODUCTS, NEC-----	1,335	87	1,248	-----	-----	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	222	137	85	-----	-----	-----	-----
0841 CRUDE RUBBER AND ALLIED GUMS-----	1,227	1,227	-----	-----	-----	-----	-----
0861 FOREST PRODUCTS, NEC-----	2,184	2,155	49	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	240	240	-----	-----	-----	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	16	16	-----	-----	-----	-----	-----
1001 NONFERROUS DRES, CONCENT, NEC-----	86,375	86,375	-----	-----	-----	-----	-----
1402 SAND, GRAVEL, CRUSHED ROCK-----	1,018	90	928	-----	-----	-----	-----
1451 CLAY-----	8,592	7,726	864	-----	-----	-----	-----
1471 PHOSPHATE WULK-----	15	-----	15	-----	-----	-----	-----
1479 NATURAL FERTILIZER MATS, NEC-----	8,432	8,432	-----	-----	-----	-----	-----
1491 SALT-----	257,178	257,178	-----	-----	-----	-----	-----
1494 GYPSUM, CRUDE AND PLASTERS-----	261,182	261,182	-----	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	7,984	4,982	3,004	-----	-----	-----	-----
1911 ORDNANCE AND ACCESSORIES-----	525	496	29	-----	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	19,490	63	19,431	-----	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	661	661	-----	-----	-----	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	36	-----	36	-----	-----	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	100	-----	100	-----	-----	-----	-----
2021 DAIRY PRODUCTS, NEC-----	712	699	13	-----	-----	-----	-----
2022 DRIED MILK AND CREAM-----	71	66	5	-----	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	514	418	96	-----	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	1,104	960	144	-----	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	3,351	235	3,116	-----	-----	-----	-----
2041 WHEAT FLOUR AND SEMOLINA-----	19	-----	19	-----	-----	-----	-----
2042 ANIMAL FEEDS-----	27,711	-----	6,286	21,425	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	453	126	327	-----	-----	-----	-----
2062 MOLASSES-----	116,239	116,239	-----	-----	-----	-----	-----
2081 ALCOHOLIC BEVERAGES-----	14,691	11,125	3,198	368	-----	-----	-----
2091 VEGETABLE OILS, MARK, SHORT-----	12,022	26	11,996	-----	-----	-----	-----
2092 ANIMAL OILS AND FATS, NEC-----	45	45	-----	-----	-----	-----	-----

Waterborne Commerce of the United States, 1986

WILMINGTON HARBOR, N. C.
(SEE ALSO PORT OF WILMINGTON, N. C. FOR PORT DATA)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

OCEANGOING--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		THROUGH	
				RECEIPTS	SHIPMENTS	UPBOUND	DOWNBOUND
2095 ICE-----	88	88	-----	-----	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	2,141	1,582	559	-----	-----	-----	-----
2111 TOBACCO MANUFACTURES-----	2,110	50	2,060	-----	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	17,926	6,184	11,742	-----	-----	-----	-----
2212 TEXTILE FIBERS, NEC-----	235	221	14	-----	-----	-----	-----
2311 APPAREL-----	3,645	3,111	534	-----	-----	-----	-----
2411 LOGS-----	2,400	710	1,690	-----	-----	-----	-----
2414 TIMBER, POSTS, POLLS, PILING-----	1,140	-----	1,140	-----	-----	-----	-----
2421 LUMBER-----	59,905	23,375	36,530	-----	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	7,406	4,269	3,137	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	7,406	1,582	5,824	-----	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	14,449	14,493	156	-----	-----	-----	-----
2611 PULP-----	314,829	-----	314,829	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	9,251	8,182	1,109	-----	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	2,384	1,597	787	-----	-----	-----	-----
2711 PRINTED MATTER-----	130	92	38	-----	-----	-----	-----
2810 SODIUM HYDROXIDE-----	25,700	-----	-----	20,200	5,500	-----	-----
2811 CRUDE TAR, OIL, LAG PRODUCTS-----	2,641	2,610	31	-----	-----	-----	-----
2812 DYES, PIGMENT, TANNING MATS-----	39	-----	39	-----	-----	-----	-----
2813 ALCOHOLS-----	270,411	172,432	1	101,976	-----	-----	-----
2816 RADIOACTIVE MATERIALS, WASTES-----	123	123	-----	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	990,215	304,296	67,501	556,330	-----	-----	-----
2821 PLASTIC MATERIALS-----	13,493	4,416	9,078	-----	-----	-----	-----
2822 SYNTHETIC RUBBER-----	448	34	412	-----	-----	-----	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	11,324	2,977	8,347	-----	-----	-----	-----
2831 DRUGS-----	713	505	208	-----	-----	-----	-----
2841 SOAP-----	1,112	457	655	-----	-----	-----	-----
2851 PAINTS-----	6,448	6,020	428	-----	-----	-----	-----
2861 GUM AND WOOD CHEMICALS-----	378	-----	378	-----	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	185,970	155,841	29	20,400	-----	-----	-----
2872 POTASSIC CHEM FERTILIZERS-----	44,001	44,001	-----	-----	-----	-----	-----
2876 INSECTICIDES, DISINFECTANTS-----	2,775	206	2,569	-----	-----	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	9,806	7,669	2,137	-----	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	30,931	303	2,345	28,283	-----	-----	-----
2911 GASOLINE-----	514,918	7,726	-----	507,192	-----	-----	-----
2912 JET FUEL-----	6,000	-----	-----	6,000	-----	-----	-----
2913 KEROSENE-----	46,135	-----	-----	46,135	-----	-----	-----
2914 DISTILLATE FUEL OIL-----	510,710	-----	-----	510,710	-----	-----	-----
2915 RESIDUAL FUEL OIL-----	688,909	258,493	-----	430,416	-----	-----	-----
2916 LUBRICATING OILS AND GREASES-----	14,450	11	6,170	6,769	-----	-----	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	169,220	-----	22	169,198	-----	-----	-----
2918 ASPHALT, TAR, AND BITUMENS-----	208,468	-----	37	208,411	-----	-----	-----
2920 COKE, PETROLEUM COKE-----	74	-----	74	-----	-----	-----	-----
2921 LIQUEFIED GASES-----	19	-----	19	-----	-----	-----	-----
2925 ASPHALT BUILDING MATERIALS-----	27	-----	27	-----	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	112	86	26	-----	-----	-----	-----
3011 RUBBER AND MISC PLASTIC PROD-----	8,965	7,406	1,499	-----	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	1,326	1,213	113	-----	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	1,377	930	447	-----	-----	-----	-----
3241 BUILDING CEMENT-----	135,937	135,896	41	-----	-----	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	2,104	1,187	917	-----	-----	-----	-----
3261 CUT STONE AND STONE PRODUCTS-----	300	-----	300	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	2,390	2,320	62	-----	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	208	142	66	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	199,507	199,405	22	-----	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	340	-----	340	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	30,826	30,766	60	-----	-----	-----	-----
3318 FERROALLOYS-----	751	296	455	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	2,870	2,773	97	-----	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	498	465	33	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	1,049	1,001	48	-----	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	752	752	-----	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	4,462	3,784	678	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	36,180	34,150	1,004	-----	-----	340	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	39,493	29,189	8,492	-----	1,150	350	342
3611 ELECTRICAL MACH AND EQUIP-----	24,290	16,896	6,394	-----	-----	1,200	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	12,174	10,579	1,595	-----	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	378	25	353	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	920	257	530	-----	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	1,166	1	415	-----	-----	133	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	761	523	238	-----	-----	750	-----
3911 MISC MANUFACTURED PRODUCTS-----	4,875	4,762	113	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	7,425	-----	7,425	-----	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	5,686	1,219	4,467	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	11,896	624	11,272	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	7,565	-----	7,565	-----	-----	-----	-----
4112 COMMODITIES, NEC-----	7,050	1,791	3,421	1,928	-----	-----	-----
9999 DEPARTMENT OF DEFENSE AND SMI-----	13,636	-----	13,636	-----	-----	-----	-----

TON-MILES, OCEANGOING, 163,861,085.

WILMINGTON, NC, DISTRICT

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WILMINGTON HARBOR, N. C.
(SEE ALSO PORT OF WILMINGTON, N. C. FOR PORT DATA)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	INBOUND		OUTBOUND		UPBOUND	THROUGH	
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND		UPBOUND	DOWNBOUND
TOTAL-----	1,008,855	24,824	120	617,312	133,912	16,460	86,811	110,214
0911 FRESH FISH, EXCEPT SHELLFISH-----	726	499	27	-----	-----	-----	206	-----
0912 SHELLFISH, EXCEPT PREPARED-----	150	7	93	-----	-----	-----	56	-----
1091 NONFERROUS DRES, CONCENT, NEC-----	4,120	-----	-----	-----	-----	-----	-----	4,120
2091 VEGETABLE OILS, MARG, SHORT-----	9,815	-----	-----	-----	9,815	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	14,985	-----	-----	-----	-----	-----	14,985	-----
2813 ALCOHOLS-----	77,974	2,497	-----	75,477	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	389,582	-----	-----	389,582	-----	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	8,589	-----	-----	-----	8,589	-----	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	1,600	-----	-----	-----	-----	1,600	-----	-----
2911 GASOLINE-----	2,283	1,141	-----	-----	1,142	-----	-----	-----
2912 JET FUEL-----	19,090	-----	-----	-----	-----	-----	19,956	8,134
2914 DISTILLATE FUEL OIL-----	9,559	2,647	-----	-----	5,953	472	1,367	-----
2915 RESIDUAL FUEL OIL-----	304,152	4,094	-----	152,253	96,724	16,988	23,374	12,719
2917 NAPHTHA, PETROLEUM SOLVENTS-----	2,159	2,159	-----	-----	-----	-----	-----	-----
2920 COKE, PETROLEUM COKE-----	9,026	-----	-----	-----	-----	-----	-----	9,026
3291 MISC NONMETALLIC MINERAL PROD-----	4,644	-----	-----	-----	4,644	-----	-----	-----
3312 SLAG-----	3,024	-----	-----	-----	-----	-----	-----	3,024
3315 IRON, STEEL SHAPES, EXC SHEET-----	110,791	11,780	-----	-----	-----	-----	27,153	71,650
3318 FERRUALLOYS-----	4,651	-----	-----	-----	-----	-----	4,651	-----
3411 FABRICATED METAL PRODUCTS-----	46	-----	-----	-----	-----	-----	25	21
3511 MACHINERY, EXCEPT ELECTRICAL-----	5,009	-----	-----	-----	-----	-----	1,198	3,811
3611 ELECTRICAL MACH AND EQUIP-----	4	-----	-----	-----	-----	-----	2	2
3711 MOTOR VEHICLES, PARTS, EQUIP-----	30	-----	-----	-----	-----	-----	-----	30
3721 AIRCRAFT AND PARTS-----	33	-----	-----	-----	-----	-----	24	9
4011 IRON AND STEEL SCRAP-----	13,252	-----	-----	-----	5,945	-----	-----	7,507
4029 WASTE AND SCRAP, NEC-----	10,145	-----	-----	-----	-----	-----	-----	10,145
4112 COMMODITIES, NEC-----	4,408	-----	-----	-----	2,400	-----	2,000	-----
TON-MILES, INTERNAL,-----	6,936,140,	-----	-----	-----	-----	-----	-----	-----
TONS, ALL TRAFFIC,-----	6,806,915,	-----	-----	-----	-----	-----	-----	-----
TON-MILES, ALL TRAFFIC,-----	170,797,225,	-----	-----	-----	-----	-----	-----	-----

NORTHEAST (CAPE FEAR) RIVER, N. C.

SECTION INCLUDED: FROM 1.67 MILES ABOVE HILTON BRIDGE AT WILMINGTON TO KUNNEGAYS BRIDGE, 103 MILES ABOVE THE MOUTH. CONTROLLING DEPTH: 13 FEET TO A POINT 30 MILES ABOVE THE MOUTH, AND 3 FEET TO CROOKS BRIDGE, 56 MILES ABOVE THE MOUTH AT ALL STAGES. PROJECT: CLEARING OF NATURAL CHANNEL BY SNAGGING, 103 MILES. NAVIGATION SEASON: ENTIRE YEAR OVER LOWER 56 MILES. UPPER PORTION ONLY DURING FRESHET STAGES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	377,467	1982-----	390,915
1978-----	479,842	1983-----	370,670
1979-----	597,396	1984-----	335,120
1980-----	379,781	1985-----	324,298
1981-----	476,389	1986-----	521,148

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL
		INBOUND
TOTAL-----	-----	521,148
2813 ALCOHOLS-----	-----	75,477
2819 BASIC CHEMICALS AND PROD, NEC-----	-----	389,582
2915 RESIDUAL FUEL OIL-----	-----	56,089
TOTAL TON-MILES,-----	2,605,740,	-----

Waterborne Commerce of the United States, 1986

OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT				
ATLANTIC BEACH CHANNELS, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH----- 3291 MISC NONMETALLIC MINERAL PROD----- TOTAL-----	698 1,208 1,906		6,000
AYON HARBOR, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH----- 0912 SHELLFISH, EXCEPT PREPARED----- TOTAL-----	719 185 904	1,906	
DAY RIVER, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH----- 0912 SHELLFISH, EXCEPT PREPARED----- TOTAL-----	2,610 681 2,691		
DEAUFORT HARBOR, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH----- 0912 SHELLFISH, EXCEPT PREPARED----- 0913 MEYERSON----- TOTAL-----	2,829 2,923 25,018 30,790	32,875	
DELMAR HARBOR, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH----- 0912 SHELLFISH, EXCEPT PREPARED----- TOTAL-----	1,520 2,961 4,481		
CAPE FEAR RIVER ABOVE WILMINGTON, N. C.	2871 NITROGENOUS CHEM FERTILIZERS----- 2915 RESIDUAL FUEL OIL----- TOTAL-----	4,589 173,876 182,865	5,816,999	
CASHIE RIVER, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH-----	1,210	18,520	
CHANNEL CONNECTING THOROUGHFARE BAY WITH CEDAR BAY, N. C.	NO COMMERCE REPORTED			
CHANNEL FROM BACK SOUND TO LOOKOUT BIGHT, N. C.	NO COMMERCE REPORTED			
CHANNEL FROM PAMLICO SOUND TO ROSSANNE, N. C.	NO COMMERCE REPORTED			
CHANNEL TO ROGUE INLET, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH----- 0912 SHELLFISH, EXCEPT PREPARED----- TOTAL-----	259 634 893		15,680
DRUM INLET, N. C.	NO COMMERCE REPORTED			
EDENTON HARBOR, N. C.	1499 NONMETALLIC MINERALS, NEC----- 2415 PULPMOOD, LOG----- TOTAL-----	468 70,833 70,901	70,901	
FAR CREEK, N. C.	0103 CORN----- 0107 WHEAT----- 0111 SOYBEANS----- 0911 FRESH FISH, EXCEPT SHELLFISH----- 0912 SHELLFISH, EXCEPT PREPARED----- TOTAL-----	6,682 2,821 1,365 436 1,246 12,550	37,650	
KNOBBS CREEK, N. C.	2416 WOOD CHIPS, STAVES, MULCHINGS-----	83,302	90,956	
LOCKWOODS FOLLY RIVER, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH----- 0912 SHELLFISH, EXCEPT PREPARED----- TOTAL-----	132 845 977	13,189	
MACKEY CREEK, N. C.	NO COMMERCE REPORTED			
MANN'S HARBOR, N. C.	NO COMMERCE REPORTED			
MANTED (SHALLOMBAG) BAY, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH----- 0912 SHELLFISH, EXCEPT PREPARED----- 2914 DISTILLATE FUEL OIL----- TOTAL-----	18,403 1,001 242 19,646	90,214	1,200
NEUSE RIVER, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH----- 0912 SHELLFISH, EXCEPT PREPARED----- 1499 NONMETALLIC MINERALS, NEC----- 2871 NITROGENOUS CHEM FERTILIZERS----- 2912 JET FUEL----- 2915 RESIDUAL FUEL OIL----- 3721 AIRCRAFT AND PARTS----- TOTAL-----	3,990 2,982 2,737 6,783 31,396 31,731 19 77,647	2,198,380	
NEE RIVER, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH----- 0912 SHELLFISH, EXCEPT PREPARED----- TOTAL-----	119 653 772		2,592
ORACOME INLET, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH----- 0912 SHELLFISH, EXCEPT PREPARED----- TOTAL-----	4,818 680 5,498	10,996	58,148
PERDUJANS RIVER, N. C.	NO COMMERCE REPORTED			

WILMINGTON, NC, DISTRICT
OTHER HARBORS AND WATERWAYS--CONTINUED

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HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT--CONTINUED				
ROANOKE RIVER, V. C.	0011 FRESH FISH, EXCEPT SHELLFISH----- 1499 NONMETALLIC MINERALS, NEC----- 2415 PULPWOOD, LOG-----	1,364 473 113,269		
	TOTAL-----	115,102	4,444,698	
ROLLINSON CHANNEL, V. C.	0011 FRESH FISH, EXCEPT SHELLFISH-----	90	270	
SCUPPERNON RIVER, V. C.	NO COMMERCE REPORTED			
SHALLOTTE RIVER, V. C.	0011 FRESH FISH, EXCEPT SHELLFISH----- 0012 SHELLFISH, EXCEPT PREPARED-----	1 313		
	TOTAL-----	314	2,426	
SILVER LAKE HARBOR, N. C.				201,575
SMITHS CREEK (PAWLETTO COUNTY), V. C.	0011 FRESH FISH, EXCEPT SHELLFISH----- 0012 SHELLFISH, EXCEPT PREPARED-----	3,301 648		
	TOTAL-----	3,949	35,541	
SMITHS CREEK (WILMINGTON), V. C.	NO COMMERCE REPORTED			
SOUTH RIVER, V. C.	0011 FRESH FISH, EXCEPT SHELLFISH----- 0012 SHELLFISH, EXCEPT PREPARED----- 3315 IRON, STEEL SHAPES, EXC SHEET-----	1 177 700		
	TOTAL-----	878	10,536	
STUMPY POINT BAY, V. C.	0011 FRESH FISH, EXCEPT SHELLFISH----- 0012 SHELLFISH, EXCEPT PREPARED-----	2,384 352		
	TOTAL-----	2,736	5,872	
TRENT RIVER, V. C.	1499 NONMETALLIC MINERALS, NEC-----	2,737	2,737	
WACHUSE HARBOR, N. C. (INCLUDED IN WATTS) (SHALLOTAGE) BAY, N. C.)	0011 FRESH FISH, EXCEPT SHELLFISH----- 0012 SHELLFISH, EXCEPT PREPARED-----	7,817 317		
	TOTAL-----	8,134	8,134	600
WATERWAY - NORFOLK, VA. TO SOUNDS OF NORTH CAROLINA	0103 COPPER----- 0107 MEAT----- 0111 SOYBEANS----- 0011 FRESH FISH, EXCEPT SHELLFISH----- 0012 SHELLFISH, EXCEPT PREPARED----- 2010 DISTILLATE FUEL OIL-----	6,082 2,821 1,365 220 684 282		
	TOTAL-----	12,054	288,308	
WATERWAY CONNECTING PAWLETTO SOUND AND HEADPORT HARBOR, N. C.	0011 FRESH FISH, EXCEPT SHELLFISH----- 0012 SHELLFISH, EXCEPT PREPARED----- 0013 MENHADEN-----	5,538 2,510 556		
	TOTAL-----	8,604	107,503	18,800
WATERWAY CONNECTING SHAL QUARTER BAY WITH DEEP BAY, N. C.	0011 FRESH FISH, EXCEPT SHELLFISH----- 0012 SHELLFISH, EXCEPT PREPARED-----	130 320		
	TOTAL-----	450	900	33,119
WRIGHTS CREEK, V. C.	0011 FRESH FISH, EXCEPT SHELLFISH----- 0012 SHELLFISH, EXCEPT PREPARED-----	157 2,166		
	TOTAL-----	2,323	2,323	

Waterborne Commerce of the United States, 1986

CHARLESTON, SC, DISTRICT

ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND
THE ST. JOHNS RIVER, FLA. (CHARLESTON DISTRICT)

SECTION INCLUDED: FROM LITTLE RIVER, S. C. TO PORT ROYAL SOUND, S. C., WITH A BRANCH CHANNEL TO MCCLELLANVILLE, S. C. CONTROLLING
DEPTH: 9.5 FEET AT MEAN LOW WATER FOR 90' WIDTH FROM LITTLE RIVER TO MINYAH BAY; 9.0 FEET FOR 90' WIDTH FROM MINYAH BAY TO CHARLESTON;
9.0 FEET FOR 90' WIDTH IN MCCLELLANVILLE BRANCH CHANNEL AND 9.0 FEET FOR 90' WIDTH FROM CHARLESTON TO PORT ROYAL SOUND. PROJECT
DEPTH: 12 FEET AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	1,557,140	971	1987-----	563,552	84,482
1978-----	1,659,147	26,213	1983-----	709,993	54,691
1979-----	1,941,035	52,319	1984-----	462,921	37,498
1980-----	1,417,224	17,524	1985-----	486,604	26,419
1981-----	1,264,471	99,004	1986-----	492,441	18,402

FREIGHT TRAFFIC, 1986

OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	DOMESTIC COASTWISE THROUGH	
		NORTHBOUND	SOUTHBOUND
TOTAL-----	3,515	2,773	742
5411 FABRICATED METAL PRODUCTS-----	340	340	
3511 MACHINERY, EXCEPT ELECTRICAL-----	1,092	350	742
3611 ELECTRICAL MACH AND EQUIP-----	1,240	1,240	
3731 SHIPS AND BOATS-----	133	133	
3791 MISC TRANSPORTATION EQUIPMENT-----	750	750	
TON-MILES, OCEANGOING, 738,150.			

INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	NORTHBOUND	INBOUND NORTHBOUND	OUTBOUND NORTHBOUND	THROUGH NORTHBOUND	SOUTHBOUND	INBOUND SOUTHBOUND	OUTBOUND SOUTHBOUND	THROUGH SOUTHBOUND
TOTAL-----	488,924	1,009	51,515	11,296	242,520	103	20,719	548	161,115
0911 FRESH FISH, EXCEPT SHELLFISH-----	150		6		50		66		28
0912 SHELLFISH, EXCEPT PREPARED-----	4,250	519	845		271		212	88	
1091 NONFERROUS ORES, CONCENT, NEC-----	4,128								4,128
2091 VEGETABLE OILS, MARG, SHORT-----	3,280								3,280
2631 PAPER AND PAPERBOARD-----	65,852				65,852				
2815 ALCOHOLS-----	2,497				2,497				
2911 GASOLINE-----	50,249				49,107				1,142
2912 JET FUEL-----	68,466		49,378	10,956			8,134		
2914 DISTILLATE FUEL OIL-----	2,863		206		1,387				1,270
2915 RESIDUAL FUEL OIL-----	68,416		620		55,077				12,719
2917 NAPHTHA, PETROLEUM SOLVENTS-----	2,159				2,159				
2920 COKE, PETROLEUM COKE-----	16,272								16,272
3201 BUILDING CEMENT-----	300		300						
3312 SLAG-----	1,024								3,024
3315 IRON, STEEL SHAPES, EXC SHEET-----	160,197				58,170				102,027
3318 FERROALLOYS-----	4,651				4,651				
3411 FABRICATED METAL PRODUCTS-----	256		60		75				121
3511 MACHINERY, EXCEPT ELECTRICAL-----	6,450	190	400	250	1,198	91	50	460	3,811
3611 ELECTRICAL MACH AND EQUIP-----	4				2				30
3711 MOTOR VEHICLES, PARTS, EQUIP-----	30								9
3721 AIRCRAFT AND PARTS-----	33				24				
4011 IRON AND STEEL SCRAP-----	13,252								17,252
4029 WASTE AND SCRAP, NEC-----	10,145						10,145		
4112 COMMODITIES, NEC-----	2,000				2,000				
TON-MILES, INTERNAL, 67,655,375.									

TONS, ALL TRAFFIC, 492,441.
TON-MILES, ALL TRAFFIC, 68,393,525.

CHARLESTON, SC, DISTRICT

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GEORGETOWN HARBOR, S. C. (MINYAN BAY)

SECTION INCLUDED: ATLANTIC OCEAN ENTRANCE TO MINYAN BAY, S. C., TO AND INCLUDING TURNING BASIN IN SAMPIT RIVER AT THE CITY OF GEORGETOWN, S. C. CONTROLLING DEPTH: 25.1 FEET AT MEAN LOW WATER FOR 400-FOOT WIDTH FROM THE OCEAN THROUGH THE GONGE CHANNELS THENCE 26.8 FEET FOR 300-FOOT WIDTH TO MOUTH OF SAMPIT RIVER; THENCE 24.8 FEET FOR 300-FOOT WIDTH TO HEAD OF THE PROJECT; SAMPIT RIVER BYPASS CHANNEL 8.7 FEET FOR 100-FOOT WIDTH. PROJECT DEPTH 27 FEET AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1977-----	1,380,577	324	417,763	1982-----	271,296	36,675	284,837
1978-----	1,146,490	25,546	598,784	1983-----	352,866	51,554	268,160
1979-----	1,361,686	41,919	646,583	1984-----	248,633	36,732	267,167
1980-----	1,045,361	15,542	537,123	1985-----	400,133	25,200	236,746
1981-----	746,157	38,216	537,283	1986-----	458,978	15,508	191,556

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
TOTAL-----	458,978	162,885	9,792	5,000	5,048	14,489	61,764
0911 FRESH FISH, EXCEPT SHELLFISH-----	84					84	
0912 SHELLFISH, EXCEPT PREPARED-----	277					277	
1011 IRON ORE AND CONCENTRATES-----	259,619	259,619					
1499 NONMETALLIC MINERALS, NEC-----	17,141	17,141					
2212 TEXTILE FIBERS, NEC-----	432	432					
2414 TIMBER, POSTS, PILES, PILING-----	50	50					
2421 LUMBER-----	54,665	54,676	189				
2431 VENEER, PLYWOOD, WORKED WOOD-----	664	664					
2611 PULP-----	9,562	9,562					
2631 PAPER AND PAPERBOARD-----	21	21					
2915 RESIDUAL FUEL OIL-----	826					826	
3314 IRON AND STEEL PRIMARY FORMS-----	14,728	14,728					
3315 IRON, STEEL SHAPES, EXC SHEET-----	69,607	2,795			5,048		61,764
3316 FERROALLOYS-----	13,040						
3411 FABRICATED METAL PRODUCTS-----	50					50	
4011 IRON AND STEEL SCRAP-----	18,252			5,000		13,252	
TOTAL TON-MILES-----	7,855,902						

CHARLESTON HARBOR, S. C. (INCLUDING ASHLEY RIVER, COOPER RIVER, SHEM CREEK AND SHIPYARD RIVER, S. C.)

SECTION INCLUDED: OCEAN TO GOOSE CREEK VIA COOPER RIVER AND TOWN CREEK; TO THE STANDARD MARF ON ASHLEY RIVER; TO THE MOUNT PLEASANT MEMORIAL HIGHWAY BRIDGE ON SHEM CREEK; TO THE AIRCO ALLOYS MARF ON SHIPYARD RIVER. CONTROLLING DEPTH: 38.0 FEET FOR 800-FOOT WIDTH ACROSS THE ENTRANCE CHANNEL; THENCE 36.0 FEET FOR PROJECT WIDTHS TO HEAD OF PROJECT (7.4 MILES); SHIPYARD RIVER 28.4 FEET TO HEAD OF PROJECT (1.2 MILES). PROJECT DEPTH: CHARLESTON HARBOR 35.0 FEET; SHEM CREEK 10.0 FEET; ASHLEY RIVER 50.0 FEET; SHIPYARD RIVER 30.0 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1977-----	10,327,659	293,050	302,312	1982-----	6,850,864	378,354	254,268
1978-----	10,841,487	303,375	299,399	1983-----	7,396,234	371,630	296,929
1979-----	10,055,566	302,089	302,673	1984-----	8,086,893	401,974	211,706
1980-----	9,096,714	293,062	258,080	1985-----	8,881,749	442,720	191,845
1981-----	8,845,162	345,414	332,197	1986-----	9,158,413	473,160	185,094

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	9,158,413	2,964,351	2,883,888	3,037,451	67,808	122,481	12,686	89,788
0101 COTTON, RAW-----	7,627	10	7,617					
0102 BARLEY AND RYE-----	76		76					
0103 CORN-----	135		135					
0105 RICE-----	281	180	101					
0107 WHEAT-----	48,808		48,808					
0111 SOYBEANS-----	82,034		82,034					
0119 OILSEEDS, NEC-----	59,406	35	59,373					
0121 TOBACCO, LEAF-----	22,453	6,263	16,190					
1129 FIELD CROPS, NEC-----	214	150	64					
0131 FRESH FRUITS-----	624		624					
0132 BANANAS AND PLANTAINS-----	230,606	230,606						
0133 COFFEE-----	16,582		898					
0141 FRESH AND FROZEN VEGETABLES-----	1,799	144	1,655					
0161 ANIMALS AND PRODUCTS, NEC-----	16,678	15,652	1,026					

Waterborne Commerce of the United States, 1986

CHARLESTON HARBOR, S. C. (INCLUDING ASHLEY RIVER,
COOPER RIVER, SHEN CREEK AND SHIPYARD RIVER, S. C.)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	INTERNAL SHIPMENTS	
0191 MISCELLANEOUS FARM PRODUCTS-----	258	143	115	-----	-----	-----
0841 CRUDE RUBBER AND ALLIED GUMS-----	37,358	36,933	273	-----	182	-----
0861 FOREST PRODUCTS, NEC-----	2,707	1,570	1,137	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	2,711	925	-----	-----	1,786	-----
0912 SHELLFISH, EXCEPT PREPARED-----	3,237	75	-----	-----	3,162	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	162	162	-----	-----	-----	-----
1011 IRON ORE AND CONCENTRATES-----	101	101	-----	-----	-----	-----
1651 ALUMINUM ORES, CONCENTRATES-----	373,298	372,928	320	-----	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	181,984	175,458	2,378	-----	4,128	-----
1121 COAL AND LIGNITE-----	1,037,786	31	1,037,737	-----	-----	-----
1411 LIMESTONE-----	45	-----	45	-----	-----	-----
1412 BUILDING STONE, UNWORKED-----	62	-----	20	-----	42	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	78,959	76,775	2,184	-----	-----	-----
1451 CLAY-----	162,700	58,701	103,959	-----	40	-----
1871 PHOSPHATE ROCK-----	71	21	-----	-----	-----	-----
1479 NATURAL FERTILIZER MATS, NEC-----	2,756	2,756	-----	-----	-----	-----
1491 SALT-----	52	37	15	-----	-----	-----
1492 SULPHUR, DRY-----	1,899	-----	1,899	-----	-----	-----
1494 GYPSUM, CRUDE AND PLASTERS-----	69,396	69,360	36	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	31,928	25,720	6,208	-----	-----	-----
1911 ORNANCE AND ACCESSORIES-----	1,604	1,604	-----	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	14,459	11,164	1,961	-----	1,334	-----
2012 MEAT AND PRODUCTS, NEC-----	3,475	2,987	518	-----	170	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	86	-----	86	-----	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	3,229	677	2,572	-----	-----	-----
2021 DAIRY PRODUCTS, NEC-----	5	3	2	-----	-----	-----
2022 DRIED MILK AND CREAM-----	2,385	184	2,201	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	3,220	3,100	120	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	13,786	12,356	1,430	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	44,494	43,320	1,116	58	-----	-----
2041 WHEAT FLOUR AND SEMOLINA-----	2,051	-----	1,927	-----	124	-----
2042 ANIMAL FEEDS-----	6,550	2,687	3,863	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	3,112	2,154	958	-----	-----	-----
2061 SUGAR-----	146	6	140	-----	-----	-----
2062 MOLASSES-----	38	-----	38	-----	-----	-----
2061 ALCOHOLIC BEVERAGES-----	54,036	48,795	5,213	-----	28	-----
2061 VEGETABLE OILS, MARG, SHORT-----	5,204	796	4,408	-----	502	1,230
2062 ANIMAL OILS AND FATS, NEC-----	636	636	-----	-----	-----	-----
2064 GROCERIES-----	36	-----	36	-----	-----	-----
2095 ICE-----	3,701	3,701	-----	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	28,144	10,554	15,534	286	1,770	-----
2111 TOBACCO MANUFACTURES-----	2,863	48	2,815	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	176,683	102,025	71,206	-----	3,412	-----
2212 TEXTILE FIBERS, NEC-----	4,471	3,793	678	-----	-----	-----
2311 APPAREL-----	11,127	9,123	1,618	282	104	-----
2411 LOGS-----	3,515	58	3,257	-----	-----	-----
2413 FUEL WOOD, CHARCOAL, WASTES-----	22	1	21	-----	-----	-----
2414 TIMBER, POSTS, POLES, PILING-----	116	-----	116	-----	-----	-----
2415 PULPWOOD, LOGS-----	428	-----	428	-----	-----	-----
2416 WOOD CHIPS, STAVES, HOLDINGS-----	6	-----	6	-----	-----	-----
2421 LUMBER-----	115,846	64,948	49,628	-----	1,272	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	184,359	161,998	2,361	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	20,121	6,557	13,512	-----	52	-----
2511 FURNITURE AND FIXTURES-----	48,264	48,264	1,696	110	196	-----
2611 PULP-----	284,910	60	284,850	-----	-----	-----
2621 STANDARD NEWSPRINT PAPER-----	47,793	19,425	28,324	-----	46	-----
2631 PAPER AND PAPERBOARD-----	460,681	67,999	331,722	-----	960	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	7,266	2,551	4,503	-----	212	-----
2711 PRINTED MATTER-----	10,408	6,273	4,181	-----	34	-----
2810 SODIUM HYDROXIDE-----	5,500	-----	5,500	-----	-----	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	16,861	16,391	470	-----	-----	-----
2812 DYES, PIGMENT, TANNING MATS-----	683	-----	683	-----	-----	-----
2813 ALCOHOLS-----	35,551	35,091	414	-----	46	-----
2816 RADIOACTIVE MATERIALS, WASTES-----	6	6	-----	-----	-----	-----
2817 BENZENE AND TOLUENE-----	14	-----	14	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	812,643	60,134	259,924	492,463	122	-----
2821 PLASTIC MATERIALS-----	126,107	32,757	92,402	-----	868	-----
2822 SYNTHETIC RUBBER-----	5,503	2,192	3,311	-----	-----	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	63,321	15,149	47,374	-----	798	-----
2831 DRUGS-----	2,553	1,152	1,401	-----	-----	-----
2841 SOAPS-----	13,428	3,199	9,099	-----	1,130	-----
2851 PAINTS-----	23,731	22,912	819	-----	-----	-----
2861 GUM AND WOOD CHEMICALS-----	5,202	358	4,754	-----	90	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	57,717	55,116	2,601	-----	-----	-----
2872 POTASSIC CHEM FERTILIZERS-----	67,711	67,711	-----	-----	-----	-----
2876 INSECTICIDES, DISINFECTANTS-----	8,873	2,085	6,788	-----	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	307	65	242	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	26,481	17,688	8,194	599	-----	-----
2911 GASOLINE-----	1,148,571	9,421	12	1,091,171	47,966	-----
2912 JET FUEL-----	81,764	-----	-----	81,764	-----	-----
2913 KEROSENE-----	16,080	-----	9	16,071	-----	-----
2914 DISTILLATE FUEL OIL-----	368,282	-----	-----	368,282	1,270	1,307
2915 RESIDUAL FUEL OIL-----	528,748	155,629	-----	251,629	26,783	4,919
2916 LUBRICATING OILS AND GREASES-----	353,357	139	33,010	320,156	52	89,788
2917 NAPHTHA, PETROLEUM SOLVENTS-----	90,936	-----	13	90,917	-----	-----
2918 ASPHALT, TAR, AND BITUMENS-----	269,467	10,991	99	258,377	-----	-----
2920 COKE, PETROLEUM COKE-----	22,032	301	5,780	-----	16,272	-----
2921 LIQUEFIED GASES-----	19	-----	19	-----	-----	-----
2951 ASPHALT BUILDING MATERIAL-----	2,800	-----	-----	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	54,645	45,448	8,885	6	306	-----
3011 RUBBER AND MISC PLASTIC PROD-----	6,550	5,614	936	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	30,179	17,180	12,935	-----	64	-----

CHARLESTON, SC, DISTRICT

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CHARLESTON HARBOR, S. C. (INCLUDING ASHLEY RIVER,
COOPER RIVER, SHEN CREEK AND SHIPYARD RIVER, S. C.)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
3241 BUILDING CEMENT-----	66,128	60,048	-----	-----	60	-----	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	22,833	21,481	1,352	-----	-----	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	8,726	8,639	87	-----	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	12,214	10,440	1,726	-----	48	-----	-----	-----
3312 SLAG-----	3,024	-----	-----	-----	-----	3,024	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	21	10	11	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	98,669	82,199	1,529	-----	124	14,717	100	-----
3316 IRON AND STEEL PLATES, SHEETS-----	1,727	167	556	-----	984	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	13,659	13,536	303	-----	-----	-----	-----	-----
3318 FERROALLOYS-----	11,884	4,696	2,537	-----	-----	-----	4,651	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	24,294	23,174	1,120	-----	-----	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	1,369	952	363	-----	54	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	24,522	23,683	759	-----	80	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	89	89	-----	-----	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	19,212	15,176	2,034	-----	1,402	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	97,819	88,914	8,447	173	89	21	175	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	197,744	138,825	55,234	-----	176	3,311	198	-----
3611 ELECTRICAL MACH AND EQUIP-----	48,591	36,659	21,470	156	302	2	2	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	78,029	63,742	14,005	-----	202	30	-----	-----
3721 AIRCRAFT AND PARTS-----	247	52	162	-----	-----	9	24	-----
3731 SHIPS AND BOATS-----	1,376	771	603	-----	2	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	1,211	739	466	-----	8	-----	-----	-----
3811 INSTR, TIME, PHOTO, JPT GOODS-----	3,390	2,186	1,204	-----	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	20,624	16,489	1,787	2,284	64	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	27,203	146	27,057	-----	-----	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	20,156	1,100	19,056	-----	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SLEEP-----	22,520	1,069	21,459	-----	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	13,707	-----	13,707	-----	-----	-----	-----	-----
4112 COMMODITIES, NEC-----	101,538	3,532	8,019	39,786	50,201	-----	-----	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	6,317	-----	6,317	-----	-----	-----	-----	-----

SHIPYARD RIVER, S. C. (INCLUDED IN CHARLESTON HARBOR, S. C.)

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	1,006,719	1982-----	620,711
1978-----	879,748	1983-----	959,638
1979-----	922,055	1984-----	1,137,910
1980-----	865,425	1985-----	1,596,866
1981-----	952,920	1986-----	1,788,173

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			LOCAL
		IMPORTS	EXPORTS	COASTWISE	INTERNAL		
				RECEIPTS	RECEIPTS	SHIPMENTS	
TOTAL-----	1,788,173	585,501	974,666	132,355	53,671	6,042	35,898
0111 SOYBEANS-----	11,805	-----	11,805	-----	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	451	451	-----	-----	-----	-----	-----
1051 ALUMINUM ORES, CONCENTRATES-----	20,214	20,214	-----	-----	-----	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	172,367	168,239	-----	-----	4,128	-----	-----
1121 COAL AND LIGNITE-----	961,054	-----	961,054	-----	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	73,819	73,819	-----	-----	-----	-----	-----
1479 NATURAL FERTILIZER MATS, NEC-----	2,756	2,756	-----	-----	-----	-----	-----
1496 GYPSUM, CRUDL AND PLASTERS-----	67,694	67,694	-----	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	25,463	25,463	-----	-----	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	136	136	-----	-----	-----	-----	-----
2081 ALCOHOLIC BEVERAGES-----	55	55	-----	-----	-----	-----	-----
2699 MISCELLANEOUS FOOD PRODUCTS-----	23	23	-----	-----	-----	-----	-----
2111 BASIC TEXTILE PRODUCTS-----	32	-----	32	-----	-----	-----	-----
2311 APPAREL-----	29	29	-----	-----	-----	-----	-----
2611 PULP-----	37	-----	37	-----	-----	-----	-----
2811 CRUDE TAN, OIL, GAS PRODUCTS-----	18	18	-----	-----	-----	-----	-----
2813 ALCOHOLS-----	33,416	33,416	-----	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PRGD, NEC-----	10,548	10,547	1	-----	-----	-----	-----
2821 PLASTIC MATERIALS-----	6	-----	6	-----	-----	-----	-----
2822 SYNTHETIC RUBBER-----	11	-----	11	-----	-----	-----	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	57	57	-----	-----	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	55,009	55,009	-----	-----	-----	-----	-----
2872 POTASSIC CHEM FERTILIZERS-----	67,406	67,406	-----	-----	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	660	61	-----	599	-----	-----	-----
2911 GASOLINE-----	72,382	-----	-----	40,900	31,482	-----	-----
2912 JET FUEL-----	2,877	-----	-----	2,877	-----	-----	-----
2914 DISTILLATE FUEL OIL-----	21,714	-----	-----	21,714	-----	-----	-----
2915 RESIDUAL FUEL OIL-----	37,329	-----	-----	-----	-----	1,431	35,898
2916 LUBRICATING OILS AND GREASES-----	66,265	-----	-----	66,265	-----	-----	-----
2920 COKE, PETROLEUM COKE-----	15,037	-----	-----	-----	15,037	-----	-----
3011 RUBBER AND MISL PLASTIC PROD-----	13	13	-----	-----	-----	-----	-----
3241 BUILDING CEMENT-----	59,971	59,971	-----	-----	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	20	20	-----	-----	-----	-----	-----
3312 SLAG-----	3,024	-----	-----	-----	3,024	-----	-----
3318 FERROALLOYS-----	6,154	-----	1,503	-----	-----	4,651	-----

Waterborne Commerce of the United States, 1986

SHIPYARD RIVER, S. C. (INCLUDED IN CHARLESTON HARBOR, S. C.)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

MONTH 1947							
COMMODITY	TOTAL	FOREIGN		DOMESTIC			LOCAL
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	INTERNAL		
					RECEIPTS	SHIPMENTS	
3511 MACHINERY, EXCEPT ELECTRICAL-----	10	10	-----	-----	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	7	7	-----	-----	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	91	88	7	-----	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	2	2	-----	-----	-----	-----	-----
4112 COMMODITIES, NEC-----	1	1	-----	-----	-----	-----	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	210	-----	210	-----	-----	-----	-----
TOTAL TON-MILES, 1,768,173.							

CHARLESTON, SC, DISTRICT

OTHER HARBORS AND WATERWAYS

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HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TONS MILES	PASSENGERS
PROJECT				
ASHLEY RIVER, S. C. (INCLUDED IN CHARLESTON HARBOR, S. C.)--				383,052
EDISTO RIVER, S. C.-----	NO COMMERCE REPORTED			
GREAT PEE DEE RIVER, S. C.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	6		
	0912 SHELLFISH, EXCEPT PREPARED-----	6		
	TOTAL-----	12	AS	
PORT ROYAL HARBOR, S. C.-----	0912 SHELLFISH, EXCEPT PREPARED-----	396		
	1091 NONFERROUS ORES, CONCENT, NEC-----	703		
	1091 CLAYS, CRIDE AND PLASTER-----	1,102		
	1094 GYPSUM, CRIDE AND PLASTER-----	51,219		
	2011 MEAT, FRESH, CHILLED, FROZEN-----	3		
	2012 MEAT AND PRODUCTS, NEC-----	6		
	2022 DRIED MILK AND CREAM-----	6		
	2034 VEGETABLES AND PREP, NEC-----	1		
	2039 PREP FRUIT AND VEG JUICE, NEC-----	4		
	2040 GRAIN MILL PRODUCTS, NEC-----	697		
	2211 PLASTIC TEXTILE PRODUCTS-----	9		
	2421 LUMBER-----	27,685		
	2431 VENEER, PLYWOOD, WORKED WOOD-----	410		
	2491 WOOD MANUFACTURES, NEC-----	9		
	2611 PULP-----	81		
	2621 STANDARD NEWSPRINT PAPER-----	68		
	2631 PAPER AND PAPERBOARD-----	24,368		
	2691 PULP AND PAPER PRODUCTS, NEC-----	128		
	2819 BASIC CHEMICALS AND PROD, NEC-----	17		
	2821 PLASTIC MATERIALS-----	30		
	2876 INSECTICIDES, DISINFECTANTS-----	2		
	2914 DISTILLATE FUEL OIL-----	296		
	2915 RESIDUAL FUEL OIL-----	620		
	3011 RUBBER AND MISC PLASTIC PROD-----	2		
	3251 STRUCTURAL CLAY PRODUCTS-----	1,268		
	3291 MISC NONMETALLIC MINERAL PROD-----	3		
	3317 IRON AND STEEL PIPE AND TUBE-----	2,420		
	3318 FERRALLOYS-----	172		
	3319 IRON AND STEEL PRODUCTS, NEC-----	1,020		
	3322 COPPER ALLOYS, UNWORKED-----	2,216		
	3411 FABRICATED METAL PRODUCTS-----	1		
	3511 MACHINERY, EXCEPT ELECTRICAL-----	17		
	3611 ELECTRICAL MACH AND EQUIP-----	209		
	3711 MOTOR VEHICLES, PARTS, EQUIP-----	5		
	3811 INSTR, TIME, PHOTO, OPT GOODS-----	1		
	4012 NONFERROUS METAL SCRAP-----	24		
	4112 COMMODITIES, NEC-----	166		
	TOTAL-----	115,333		
Santee River, S. C.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	58		
	0912 SHELLFISH, EXCEPT PREPARED-----	109		
	TOTAL-----	167	12,525	
VILLAGE CREEK, S. C.-----	0912 SHELLFISH, EXCEPT PREPARED-----	112		
WACCAMAH RIVER, N. C. AND S. C.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	28	756	572

Waterborne Commerce of the United States, 1986

SAVANNAH, GA, DISTRICT

SAVANNAH HARBOR, GEORGIA

SECTION INCLUDED: FROM THE 40-FOOT CONTOUR IN THE OCEAN TO THE CONTINENTAL CAN COMPANY PLANT, 32.15 MILES. CONTROLLING DEPTH: FOR 410-CHANNEL, HALF PROJECT WIDTH, 40 FEET OVER THE BAR CHANNEL; THENCE 30 FEET TO THE GEORGIA PORTS AUTHORITY OCEAN TERMINAL; THENCE 30 FEET TO THE GEORGIA PORTS AUTHORITY GARDEN CITY TERMINAL; THENCE 30 FEET TO THE ATLANTIC CROSBOTING COMPANY; AND 30 FEET TO THE CONTINENTAL CAN COMPANY PLANT. PROJECT DEPTH: 40 FEET OVER THE BAR CHANNEL, 8.71 MILES; 30 FEET TO ABOVE GEORGIA PORTS AUTHORITY GARDEN CITY TERMINAL, 21.59 MILES; 30 FEET TO THE ATLANTIC CROSBOTING COMPANY, 1.04 MILES; 30 FEET TO ABOVE CONTINENTAL CAN COMPANY, 1.33 MILES. NAVIGATION SEASON: ENTIRE YEAR.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977	9,875,678	84,447	1982	10,975,740	69,134
1978	11,425,936	76,553	1983	10,610,367	95,603
1979	13,527,771	69,374	1984	11,245,804	97,144
1980	12,293,179	74,237	1985	11,326,551	119,360
1981	12,707,664	72,280	1986	12,041,148	112,250

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL	12,041,148	5,839,312	4,038,936	1,348,278	465,160	29,730	217,619	101,909
0101 COTTON, RAW	16,221	26	16,195					
0102 BARLEY AND RYE	243		243					
0103 CORN	5,394	169	5,225					
0104 OATS	48		48					
0105 RICE	11,686	431	11,257					
0106 SORGHUM GRAINS	3,276		3,276					
0107 WHEAT	46,161		46,161					
0111 SOYBEANS	181,919		181,919					
0119 OILSEEDS, NEC	55,659	610	55,049					
0121 TOBACCO, LEAF	12,764	6,218	4,546					
0129 FIELD CROPS, NEC	1,775	922	853					
0131 FRESH FRUITS	29,944	172	29,772					
0132 BANANAS AND PLANTAINS	63	41	22					
0133 COFFEE	46,020	45,939	81					
0134 COCOA BEANS	466	466						
0141 FRESH AND FROZEN VEGETABLES	7,467	859	6,608					
0151 LIVE ANIMALS	24		24					
0161 ANIMALS AND PRODUCTS, NEC	11,614	3,226	8,388					
0191 MISCELLANEOUS FARM PRODUCTS	4,557	1,617	3,140					
0841 CRUDE RUBBER AND ALLIED GUMS	77,444	76,295	1,149					
0861 FOREST PRODUCTS, NEC	12,438	7,400	5,038					
0911 FRESH FISH, EXCEPT SHELLFISH	8,395	7,662	733					
0912 SHELLFISH, EXCEPT PREPARED	3,117	1,583	1,534					
0931 MARINE SHELLS, UNMANUFACTURED	136	51	85					
1011 IRON ORE AND CONCENTRATES	513							
1051 ALUMINUM ORES, CONCENTRATES	50,893	49,173	1,720					
1091 MANGANESE ORES, CONCENTRATES	22		22					
1091 NONFERROUS ORES, CONCENTRATES, NEC	22,663	18,614	4,049					
1121 COAL AND LIGNITE	26	2	24					
1311 CRUDE PETROLEUM	901,693	901,693						
1411 LIMESTONE	12,673	12,673						
1412 BUILDING STONE, UNWORKED	15,869		15,869					
1442 SAND, GRAVEL, CRUSHED ROCK	56,839	52,912	3,927					
1451 CLAY	1,392,311	142,045	1,250,266					
1471 PHOSPHATE ROCK	44		44					
1491 SALT	13,442	11,568	2,074					
1492 SULPHUR, DRY	398		398					
1493 SULPHUR, LIQUID	10,640		10,640					
1494 GYPSUM, CRUDE AND PLASTERS	442,754	442,019	735					
1499 NONMETALLIC MINERALS, NEC	23,013	3,396	19,617					
1911 ORDNANCE AND ACCESSORIES	629	650	179					
2011 MEAT, FRESH, CHILLED, FROZEN	38,570	2,080	36,490					
2012 MEAT AND PRODUCTS, NEC	11,970	11,652	318					
2014 TALLOW, ANIMAL FATS AND OILS	102		102					
2015 ANIMAL BY-PRODUCTS, NEC	6,291	60	6,231					
2021 DAIRY PRODUCTS, NEC	472	391	81					
2022 DRIED MILK AND CREAM	12,942	63	12,879					
2031 FISH AND SHELLFISH, PREPARED	5,021	4,979	42					
2034 VEGETABLES AND PNEP, NEC	42,423	38,728	3,695					
2039 PREP FRUIT AND VEG JUICE, NEC	65,015	41,877	23,138					
2041 WHEAT FLOUR AND SEMOLINA	2,417		2,417					
2042 ANIMAL FEEDS	11,230	2,611	8,619					
2049 GRAIN MILL PRODUCTS, NEC	22,780	3,084	19,696					
2061 SUGAR	263,576	224,488	29,778					
2062 MOLASSES	6,215	6,200	15					
2081 ALCOHOLIC BEVERAGES	58,901	55,609	3,372					
2091 VEGETABLE OILS, MANF, SHORT	91,456	61,204	26,972					
2092 ANIMAL OILS AND FATS, NEC	281		281					
2095 ICE	8,199		8,199					
2099 MISCELLANEOUS FOOD PRODUCTS	53,581	26,078	27,430					
2111 TOBACCO MANUFACTURES	5,696	668	5,028					
2211 BASIC TEXTILE PRODUCTS	256,912	168,968	87,933					
2212 TEXTILE FIBERS, NEC	7,026	6,738	288					
2311 APPAREL	24,594	23,294	1,300					
2411 LOGS	11,435		11,435					
2413 FUEL WOOD, CHARCOAL, WASTES	966		966					
2414 TIMBER, POSTS, POLES, PILING	18,227	5	18,222					
2416 WOOD CHIPS, STAVES, MOULDINGS	61,539	205	61,334					
2421 LUMBER	196,702	115,466	75,236					

SAVANNAH, GA, DISTRICT

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SAVANNAH HARBOR, GEORGIA--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2431 VENEER, PLYWOOD, WORKED WOOD-----	64,008	54,228	9,780	-----	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	17,853	9,201	8,592	-----	-----	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	77,272	74,460	2,806	-----	-----	-----	-----	-----
2611 PULP-----	585,864	103,338	482,526	-----	-----	-----	-----	-----
2621 STANDARD NEWSPRINT PAPER-----	19,511	15,467	4,044	-----	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	446,713	45,612	350,234	-----	-----	-----	50,867	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	21,824	15,393	6,431	-----	-----	-----	-----	-----
2711 PRINTED MATTER-----	2,315	1,126	1,189	-----	-----	-----	-----	-----
2810 SODIUM HYDROXIDE-----	4,700	-----	-----	4,000	-----	-----	700	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	4,547	4,524	216	-----	-----	-----	-----	-----
2812 DYES, PIGMENT, TANNING MATS-----	284	-----	284	-----	-----	-----	-----	-----
2813 ALCOHOLS-----	1,826	670	1,156	-----	-----	-----	-----	-----
2816 RADIOACTIVE MATERIALS, WASTES-----	1,335	270	1,065	-----	-----	-----	-----	-----
2817 BENZENE AND TOLUENE-----	6,205	-----	4	6,201	-----	-----	-----	-----
2818 SULPHURIC ACID-----	2,800	-----	-----	2,800	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	633,564	439,406	115,137	76,619	2,402	-----	-----	-----
2821 PLASTIC MATERIALS-----	160,047	29,908	130,139	-----	-----	-----	-----	-----
2822 SYNTHETIC RUBBER-----	16,665	253	16,612	-----	-----	-----	-----	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	59,650	9,873	49,777	-----	-----	-----	-----	-----
2831 DRUGS-----	4,353	1,863	2,490	-----	-----	-----	-----	-----
2841 SOAP-----	8,352	2,563	5,789	-----	-----	-----	-----	-----
2851 PAINTS-----	24,681	23,702	1,179	-----	-----	-----	-----	-----
2861 GUM AND WOOD CHEMICALS-----	126,022	1,810	124,212	-----	-----	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	175,438	77,704	87,734	-----	10,000	-----	-----	-----
2873 PHOSPHATIC CHEM FERTILIZERS-----	11	-----	11	-----	-----	-----	-----	-----
2876 INSECTICIDES, DISINFECTANTS-----	14,631	4,906	9,725	-----	-----	-----	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	1,322	614	708	-----	-----	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	56,071	11,430	37,708	6,933	-----	-----	-----	-----
2911 GASOLINE-----	652,729	33,749	241	585,832	14,258	3,341	12,067	3,241
2912 JET FUEL-----	54,458	-----	-----	5,080	-----	-----	49,378	-----
2913 DISTILLATE FUEL OIL-----	611,816	71,696	-----	496,972	31,777	7,740	1,559	2,112
2915 RESIDUAL FUEL OIL-----	470,096	268,757	-----	60,129	-----	15,203	29,441	96,556
2916 LUBRICATING OILS AND GREASES-----	29,912	1,453	3,245	25,214	-----	-----	-----	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	2,190	-----	31	-----	-----	-----	2,159	-----
2918 ASPHALT, TAR, AND PITCHES-----	592,512	182,113	224	12,944	397,231	-----	-----	-----
2920 COKE, PETROLEUM COKE-----	1,989	-----	1,989	-----	-----	-----	-----	-----
2921 LIQUEFIED GASES-----	100	-----	100	-----	-----	-----	-----	-----
2951 ASPHALT BUILDING MATERIALS-----	331	-----	331	-----	-----	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	4,517	3,874	643	-----	-----	-----	-----	-----
3011 RUBBER AND MISC PLASTIC PROD-----	97,086	86,174	10,912	-----	-----	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	29,393	26,832	2,561	-----	-----	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	24,146	9,407	14,739	-----	-----	-----	-----	-----
3241 BUILDING CEMENT-----	157,126	111,520	3	45,603	-----	-----	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	31,950	27,816	4,109	-----	25	-----	-----	-----
3271 LIME-----	93	18	75	-----	-----	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	24,688	24,246	442	-----	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	41,016	31,193	9,823	-----	-----	-----	-----	-----
3311 PIG IRON-----	11,913	11,913	-----	-----	-----	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	3,422	3,422	-----	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	493,573	423,060	1,075	-----	-----	69,438	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	7,064	4,224	2,840	-----	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	119,324	116,536	2,788	-----	-----	-----	-----	-----
3318 FERROALLOYS-----	6,569	4,819	1,750	-----	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	13,471	12,653	816	-----	-----	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	3,381	2,568	813	-----	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	89,678	86,489	3,189	-----	-----	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	617	148	469	-----	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	39,487	30,634	8,853	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	200,300	188,523	11,563	-----	94	60	60	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	246,585	207,348	38,937	-----	-----	150	150	-----
3611 ELECTRICAL MACH AND EQUIP-----	122,501	98,510	23,991	-----	-----	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	81,659	69,026	12,033	-----	-----	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	114	39	75	-----	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	2,666	1,685	975	-----	-----	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	1,440	1,066	374	-----	-----	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	8,903	7,511	1,392	-----	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	56,586	54,186	2,400	-----	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	42,651	-----	42,651	-----	-----	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	135,282	103,702	31,580	-----	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	43,796	20	43,776	-----	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	127,082	-----	127,082	-----	-----	-----	-----	-----
4112 COMMODITIES, NEC-----	35,801	10,621	13,696	1	9,283	-----	2,000	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	1,211	-----	1,211	-----	-----	-----	-----	-----
TOTAL TON-MILES, 236,693,372.								

ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND
THE ST. JOHNS RIVER, FLA. (SAVANNAH DISTRICT)SECTION INCLUDED: PORT ROYAL SOUND, S. C., INCLUDES CUMBERLAND SOUND, FLA. CONTROLLING DEPTH: 6 FEET OR GREATER. PROJECT DEPTH:
12 FEET. NAVIGATION SEASONS: ENTIRE YEAR.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	975,078	43,206	1982-----	684,418	11,878
1978-----	926,702	46,782	1983-----	661,043	11,582
1979-----	816,508	25,960	1984-----	632,575	13,199
1980-----	844,659	33,734	1985-----	612,755	18,078
1981-----	878,915	30,997	1986-----	664,680	20,370

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ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND
THE ST. JOHNS RIVER, FLA. (SAVANNAH DISTRICT)--CONTINUED

FREIGHT TRAFFIC, 1986

OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	DOMESTIC COASTWISE THROUGH	
		NORTHBOUND	SOUTHBOUND
TOTAL-----	3,515	2,773	742
3411 FABRICATED METAL PRODUCTS-----	340	340	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	1,092	350	742
3611 ELECTRICAL MACH AND EQUIP-----	1,200	1,200	-----
3731 SHIPS AND BOATS-----	133	133	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	750	750	-----
TOTAL MILES, OCEANGOING, 569,430.			

INTERNAL
(SHORT TONS)

COMMODITY	TOTAL	NORTHBOUND	INBOUND NORTHBOUND	OUTBOUND NORTHBOUND	THROUGH NORTHBOUND	SOUTHBOUND	INBOUND SOUTHBOUND	OUTBOUND SOUTHBOUND	THROUGH SOUTHBOUND
TOTAL-----	661,165	1,272	674	15,362	400,806	1,701	1,718	15,469	224,163
0911 FRESH FISH, EXCEPT SHELLFISH-----	5,440	-----	84	-----	-----	55	158	-----	5,143
0912 SHELLFISH, EXCEPT PREPARED-----	7,098	1,272	540	77	-----	1,646	1,100	181	2,282
2091 VEGETABLE OILS, MARG, SHORT-----	3,260	-----	-----	-----	-----	-----	-----	-----	3,260
2095 ICE-----	2,064	-----	-----	2,064	-----	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	65,852	-----	-----	14,985	50,867	-----	-----	-----	-----
2810 SODIUM HYDROXIDE-----	41,300	-----	-----	-----	-----	-----	-----	-----	41,300
2813 ALCOHOLS-----	2,497	-----	-----	-----	2,497	-----	-----	-----	-----
2911 GASOLINE-----	63,374	-----	-----	-----	51,306	-----	-----	-----	12,068
2912 JET FUEL-----	49,378	-----	-----	-----	49,378	-----	-----	-----	-----
2914 DISTILLATE FUEL OIL-----	9,259	-----	-----	-----	7,906	-----	-----	-----	1,353
2915 RESIDUAL FUEL OIL-----	217,663	-----	-----	-----	204,944	-----	-----	-----	12,719
2917 NAPHTHA, PETROLEUM SOLVENTS-----	2,159	-----	-----	-----	2,159	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	171,483	-----	-----	-----	26,475	-----	-----	-----	144,968
3611 FABRICATED METAL PRODUCTS-----	220	-----	-----	-----	60	-----	-----	-----	100
3511 MACHINERY, EXCEPT ELECTRICAL-----	3,060	-----	50	300	1,150	-----	460	150	950
4029 WASTE AND SCRAP, NEC-----	15,074	-----	-----	-----	-----	-----	15,074	-----	-----
4112 COMMODITIES, NEC-----	2,000	-----	-----	-----	2,000	-----	-----	-----	-----
TOTAL MILES, INTERNAL, 49,748,000.									
TOTALS, ALL TRAFFIC, 668,680.									
TOTAL MILES, ALL TRAFFIC, 50,317,430.									

BRUNSWICK HARBOR, GEORGIA

SECTION INCLUDED: FROM 32-FOOT CONTOUR IN THE OCEAN ACROSS THE BAR THROUGH ST. SIMON SOUND, BRUNSWICK RIVER, AND TURTLE RIVER TO THE UPPER END OF THE ALLIED CHEMICAL COMPANY'S WHARF, FORMERLY ATLANTIC REFINING COMPANY WHARF, 20.4 MILES; FROM BRUNSWICK RIVER THROUGH EAST RIVER, TO THE UPPER END OF THE PROJECT IN ACADEMY CREEK, 2.7 MILES; FROM ST. SIMON SOUND THROUGH BACK RIVER TO MILL CREEK, THE UPPER END OF BACK RIVER IMPROVEMENT, 2.9 MILES; FROM BACK RIVER THROUGH TERRY CREEK TO THE GLYNN CANNING COMPANY'S WHARF, 1.8 MILES; A TOTAL DISTANCE OF 27.8 MILES. CONTROLLING DEPTHS: 31 FEET OVER THE BAR; 28 FEET THROUGH ST. SIMON SOUND, BRUNSWICK RIVER, AND EAST RIVER TO THE FOOT OF SECOND AVENUE (CITY OF BRUNSWICK); 25 FEET IN EAST RIVER FROM SECOND AVENUE TO THE CONFLUENCE WITH ACADEMY CREEK; AND 28 FEET TO ALLIED CHEMICAL COMPANY'S WHARF (TURTLE RIVER), 12 FEET IN ACADEMY CREEK, AND 3.0 FEET IN BACK RIVER, TERRY CREEK 3 FEET. PROJECT DEPTHS: 32 FEET OVER THE BAR; 30 FEET IN BRUNSWICK, TURTLE, AND EAST RIVERS TO THE FOOT OF SECOND AVENUE; AND 27 FEET FROM SECOND AVENUE TO ACADEMY CREEK; 24 FEET IN ACADEMY CREEK; 20 FEET IN BACK RIVER, AND 10 FEET IN TERRY CREEK. NAVIGATION SEASON: ENTIRE YEAR.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1977-----	1,744,797	227	144,899	1982-----	1,567,546	137	159,558
1978-----	1,820,165	190	72,554	1983-----	1,615,880	-----	193,362
1979-----	1,643,869	-----	141,876	1984-----	1,469,685	8	115,625
1980-----	1,463,584	284	145,087	1985-----	1,577,459	-----	151,026
1981-----	1,462,505	-----	217,792	1986-----	1,371,032	280	226,676

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	1,371,032	946,343	234,587	150	4,548	131,556	40,600	13,248
0105 RICE-----	5	-----	5	-----	-----	-----	-----	-----
0133 COFFEE-----	39	39	39	-----	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	60	-----	-----	-----	-----	60	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	74	-----	-----	-----	-----	74	-----	-----
1051 ALUMINUM ORES, CONCENTRATES-----	11,121	11,121	-----	-----	-----	-----	-----	-----

SAVANNAH, GA, DISTRICT

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BRUNSWICK HARBOR, GEORGIA--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		CHARTERWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
1091 NONFERROUS ORES, CONCENT, NEC	2,192		2,192					
1442 SAND, GRAVEL, CRUSHED ROCK	6,893		6,893					
1451 CLAY	52,075	51,244	831					
1471 PHOSPHATE ROCK	3,184	3,184						
1491 SALT	346,277	346,277						
1494 GYPSUM, CRUDE AND PLASTERS	406,686	406,686						
1499 NONMETALLIC MINERALS, NEC	52		52					
2011 MEAT, FRESH, CHILLED, FROZEN	17		17					
2012 MEAT AND PRODUCTS, NEC	1		1					
2021 DAIRY PRODUCTS, NEC	1		1					
2031 FISH AND SHELLFISH, PREPARED	15	15						
2039 PEP FRUIT AND VEG JUICE, NEC	17		17					
2042 ANIMAL FEEDS	42,576	9,632	52,944					
2049 GRAIN MILL PRODUCTS, NEC	3,866		3,866					
2061 SUGAR	3		3					
2081 ALCOHOLIC BEVERAGES	9	9						
2091 VEGETABLE OILS, MANG, SHORT	1		1					
2099 MISCELLANEOUS FOOD PRODUCTS	154	154						
2211 BASIC TEXTILE PRODUCTS	314	284	30					
2411 LOGS	109		109					
2413 FULL WOOD, CHARCOAL, WASTES	14,750	14,750						
2414 TIMBER, POSTS, POLES, PILING	15,663		15,663					
2421 LUMBER	13,470	12,082	1,388					
2431 VENEER, PLYWOOD, MOUND WOOD	145	132	13					
2491 WOOD MANUFACTURES, NEC	86		86					
2511 FURNITURE AND FIXTURES	62	62						
2611 PULP	115,997		115,997					
2631 PAPER AND PAPERBOARD	1,257		1,257					
2691 PULP AND PAPER PRODUCTS, NEC	2		2					
2711 PRINTED MATTER	4	4						
2810 SODIUM HYDROXIDE	45,108				4,548		40,600	
2816 RADIOACTIVE MATERIALS, WASTES	124		124					
2819 BASIC CHEMICALS AND PROD, NEC	1,984	21	1,963					
2821 PLASTIC MATERIALS	2	2						
2881 SOAP	53	49	4					
2851 PAINTS	4,215	4,211	4					
2871 NITROGENOUS CHEM FERTILIZERS	10,917	10,917						
2872 POTASSIC CHEM FERTILIZERS	32,050	32,050						
2891 MISCELLANEOUS CHEMICAL PROD	43	42	1					
2915 RESIDUAL FUEL OIL	119,941					106,693		13,248
2916 LUBRICATING OILS AND GREASES	81		81					
2918 ASPHALT, TAR, AND BITUMENS	71		71					
2920 COKE, PETROLEUM COKE	29,990		29,990					
2921 LIQUEFIED GASES	24		24					
2951 ASPHALT BUILDING MATERIALS	15		15					
3011 RUBBER AND MISC PLASTIC PROD	83	49	34					
3211 GLASS AND GLASS PRODUCTS	170	170						
3241 BUILDING CEMENT	86		86					
3251 STRUCTURAL CLAY PRODUCTS	3		3					
3271 LIME	8		8					
3291 MISC NONMETALLIC MINERAL PROD	34,812	34,740	22					
3315 IRON, STEEL SHAPES, EXC SHEET	24,729					24,729		
3316 IRON AND STEEL PLATES, SHEETS	4		4					
3317 IRON AND STEEL PIPE AND TUBE	3		3					
3319 IRON AND STEEL PRODUCTS, NEC	23	23						
3321 NONFERROUS METALS, NEC	2	1	1					
3411 FABRICATED METAL PRODUCTS	355	103	252					
3511 MACHINERY, EXCEPT ELECTRICAL	506	256	100	150				
3611 ELECTRICAL MACH AND EQUIP	63	26	37					
3711 MOTOR VEHICLES, PARTS, EQUIP	8,176	8,027	149					
3791 MISC TRANSPORTATION EQUIPMENT	16		16					
3811 INSTR, TIME, PHOTO, OPT GOODS	13	13						
3911 MISC MANUFACTURED PRODUCTS	19	19						
4112 COMMODITIES, NEC	124	55	69					
TOTAL TON-MILES, 11,205,628,								

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OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT				
ALTAMAHA RIVER, GA.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	62		
	0912 SHELLFISH, EXCEPT PREPARED-----	48		
	TOTAL-----	110	12,760	
DARIEN HARBOR, GA.-----	NJ COMMERCE REPORTED			
SATILLA RIVER, GA.-----	0912 SHELLFISH, EXCEPT PREPARED-----	496		
SAVANNAH RIVER BELOW AUGUSTA, GA.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	15		
	0912 SHELLFISH, EXCEPT PREPARED-----	1,125		
	TOTAL-----	1,140	180,480	
ST. MARYS RIVER, GA. AND FLA.-----	2915 RESIDUAL FUEL OIL-----	44,744		
	3511 MACHINERY, EXCEPT ELECTRICAL-----	200		
	TOTAL-----	44,944	180,680	

JACKSONVILLE, FL, DISTRICT

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ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND
THE ST. JOHNS RIVER, FLA. (JACKSONVILLE DISTRICT)

SECTION INCLUDED: FERNANDINA HARBOR, FLA., TO ST. JOHNS RIVER, 21.9 MILES. CONTROLLING DEPTH: SANDPIT CREEK 8 FEET. PROJECT DEPTH:
12 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	844,583	1982-----	361,518
1978-----	739,772	1983-----	559,472
1979-----	675,061	1984-----	426,262
1980-----	756,744	1985-----	470,659
1981-----	716,945	1986-----	513,881

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL					
		THROUGH		NORTHBOUND	INBOUND		OUTBOUND		THROUGH
		NORTHBOUND	SOUTHBOUND		NORTHBOUND	SOUTHBOUND	NORTHBOUND	SOUTHBOUND	
TOTAL-----	513,881	2,773	742	150	87,622	3,306	236,915	46,925	133,368
0911 FRESH FISH, EXCEPT SHELLFISH----	5,143								5,143
0912 SHELLFISH, EXCEPT PREPARED----	2,282								2,282
2095 ICE-----	2,064						2,064		
2810 SODIUM HYDROXIDE-----	41,300								41,300
2813 ALCOHOLS-----	2,497						2,497		
2911 GASOLINE-----	61,091						50,165		10,926
2914 DISTILLATE FUEL OIL-----	9,053						7,700		1,353
2915 RESIDUAL FUEL OIL-----	253,627				76,862	1,242	175,503		
3291 MISC NONMETALLIC MINERAL PROD----	10,740				10,740				
3315 IRON, STEEL SHAPES, EXC SHEET----	120,239								120,239
3411 FABRICATED METAL PRODUCTS-----	440	340							100
3511 MACHINERY, EXCEPT ELECTRICAL----	3,242	350	742	150			1,050	200	750
3611 ELECTRICAL MACH AND EQUIP-----	1,200	1,200							
3731 SHIPS AND BOATS-----	133	133							
3791 MISC TRANSPORTATION EQUIPMENT----	750	750							
TOTAL TON-MILES, 11,544,530									

JACKSONVILLE HARBOR, FLA.

SECTION INCLUDED: ATLANTIC OCEAN TO THE FLORIDA EAST COAST RAILWAY BRIDGE AT JACKSONVILLE, 26.8 MILES. CONTROLLING DEPTH: 36 FEET, ATLANTIC OCEAN TO TERMINAL CHANNEL, MILE 20, EXCEPT FOR SHOALS IN THE OUTSIDE QUARTER; THENCE 36 FEET THRU TERMINAL CHANNEL, MILE 20 TO COMMODORE POINT (HART BRIDGE), EXCEPT FOR SHOALS IN THE OUTSIDE QUARTER. PROJECT DEPTH: 42 FEET U. S. NAVY ENTRANCE BAR CUT TO INTERSECTION THE NAVY'S NAUPORT ENTRANCE CHANNEL, THENCE CIVIL PROJECT DEPTH OF 36 FEET TO TERMINAL CHANNEL (MILE 20), THENCE 36 FEET TO COMMODORE POINT (HART BRIDGE), THEN 30 FEET TO FLORIDA EAST COAST RAILWAY BRIDGE. LENGTH OF PROJECT IS ABOUT 26.8 MILES. THE CIVIL PROJECT DEPTH OF BAR CUT IS 36 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	15,108,032	4,492	1982-----	12,707,275	382
1978-----	15,712,893	2,172	1983-----	11,760,221	
1979-----	15,278,008		1984-----	11,849,955	
1980-----	15,644,000		1985-----	11,332,178	
1981-----	15,843,690	290	1986-----	12,441,812	400

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	12,441,812	3,595,445	2,081,543	4,000,437	1,165,514	130,241	715,190	753,442
0101 COTTON, RAW-----	886		734	110	42			
0103 CORN-----	392		19		373			
0104 OATS-----	23				23			
0105 RICE-----	567	64	348		185			
0106 SORGHUM GRAINS-----	3,259				3,259			
0119 OILSEEDS, NEC-----	7,902	22	7,817		63			
0121 TOBACCO, LEAF-----	3,310	2,767	195		328			
0122 HAY AND FODDER-----	21				21			
0129 FIELD CROPS, NEC-----	76	26	50					
0131 FRESH FRUITS-----	32,068	33	31,244		791			
0132 BANANAS AND PLANTAINS-----	76,967	76,946			21			
0133 COFFEE-----	52,297	51,030	1,259					
0134 COCOA BEANS-----	143	98	45					
0141 FRESH AND FROZEN VEGETABLES-----	10,667	451	4,448	273	5,495			
0161 ANIMALS AND PRODUCTS, NEC-----	509	103	304		102			
0191 MISCELLANEOUS FARM PRODUCTS-----	4,653	30	2,078		2,537			
0841 CRUDE RUBBER AND ALLIED GUMS-----	39		9		30			
0861 FOREST PRODUCTS, NEC-----	464	282	107	75				

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JACKSONVILLE HARBOR, FLA.--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
0911 FRESH FISH, EXCEPT SHELLFISH	1,878	1,680	120	12	66			
0912 SHELLFISH, EXCEPT PREPARED	2,083	1,911	172					
0931 MARINE SHELLS, UNMANUFACTURED	33	33						
1011 IRON ORE AND CONCENTRATES	16,509				16,509			
1051 ALUMINUM ORES, CONCENTRATES	11		11					
1091 NONFERROUS ORES, CONCENT, NEC	5,105		5,100		5			
1121 COAL AND LIGNITE	279		185		94			
1411 LIMESTONE	23,651	23,651						
1442 SAND, GRAVEL, CRUSHED ROCK	2,869	2,256	130		513			
1451 CLAY	11,275		10,654		621			
1471 PHOSPHATE ROCK	364,618		364,618					
1491 SALT	94				94			
1494 GYPSUM, CRUDE AND PLASTERS	945,717	945,717						
1499 NONMETALLIC MINERALS, NEC	155	151	3		1			
1911 ORDNANCE AND ACCESSORIES	112	43	1	68				
2011 MEAT, FRESH, CHILLED, FROZEN	29,040	88	2,484	40	26,428			
2012 MEAT AND PRODUCTS, NEC	4,554	3,398	141		1,015			
2015 ANIMAL BY-PRODUCTS, NEC	385	2	190	193				
2021 DAIRY PRODUCTS, NEC	2,550		1		2,557			
2022 DRIED MILK AND CREAM	2,195		430	84	1,681			
2031 FISH AND SHELLFISH, PREPARED	1,600	500	121	661	318			
2034 VEGETABLES AND PREP, NEC	9,785	5,494	599		3,692			
2039 PREP FRUIT AND VEG JUICE, NEC	59,527	45,205	7,211	216	6,895			
2041 WHEAT FLOUR AND SEMOLINA	4,918				4,918			
2042 ANIMAL FEEDS	2,975	20	2,527		428			
2049 GRAIN MILL PRODUCTS, NEC	8,969	233	4,462	20	4,254			
2061 SUGAR	749		551		238			
2062 MOLASSES	1,424			756	668			
2091 ALCOHOLIC BEVERAGES	28,910	14,620	1,077	1,778	11,435			
2091 VEGETABLE OILS, PURE, SHORT	546	163	251		130			
2092 ANIMAL OILS AND FATS, NEC	3		3					
2094 GROCERIES	2,638				2,638			
2095 ICE	7,035	3,166			3,869			
2099 MISCELLANEOUS FOOD PRODUCTS	321,467	6,691	2,212	87,792	224,772			
2111 TOBACCO MANUFACTURES	583	8	222	30	323			
2211 BASIC TEXTILE PRODUCTS	17,170	5,689	4,372		7,109			
2212 TEXTILE FIBERS, NEC	174				174			
2311 APPAREL	29,931	311	174	632	28,614			
2411 LOGS	222		222					
2413 FUEL WOOD, CHARCOAL, WASTES	104		60		44			
2414 TIMBER, POSTS, POLES, PILING	6,193		151	5,624	408			
2421 LUMBER	175,084	159,567	6,070	47	9,405			
2431 VENEER, PLYWOOD, WORKED WOOD	4,414	2,303	2,031					
2491 WOOD MANUFACTURES, NEC	3,246	212	1,960	255	819			
2511 FURNITURE AND FIXTURES	13,461	1,763	907	420	10,291			
2611 PULP	49,754		49,273		481			
2621 STANDARD NEWSRINT PAPER	4,550	3,499			1,051			
2631 PAPER AND PAPERBOARD	102,808	10,300	58,531		33,969			
2691 PULP AND PAPER PRODUCTS, NEC	68,110	3,666	1,673	330	62,441			
2711 PRINTED MATTER	594	173	294		127			
2810 SODIUM HYDROXIDE	42,830			42,638	192			
2811 CRUDE TAR, OIL, GAS PRODUCTS	72	70	2					
2812 DYES, PIGMENT, TANNING MATS	109		109					
2813 ALCOHOLS	2,640	36	107				2,497	
2819 BASIC CHEMICALS AND PROD, NEC	106,315	4,820	16,577	15,324	69,590			
2821 PLASTIC MATERIALS	9,289	3,407	5,213		669			
2822 SYNTHETIC RUBBER	1,098		1,098					
2823 SYNTHETIC (MAN-MADE) FIBERS	3,873		3,852		21			
2831 DRUGS	2,080	78	107	861	1,043			
2841 SOAP	20,667	12,825	1,027	105	6,710			
2851 PAINTS	2,621	515	254		1,852			
2861 GUM AND WOOD CHEMICALS	22,826	334	7,382	14,977	133			
2871 NITROGENOUS CHEM FERTILIZERS	4,580				4,572			
2872 POTASSIC CHEM FERTILIZERS	1,201,842		1,201,842					
2873 PHOSPHATIC CHEM FERTILIZERS	112,957		112,957					
2874 INSECTICIDES, DISINFECTANTS	2,194	924	1,050		222			
2879 FERTILIZER AND MATERIALS, NEC	63,181	112	63,058		11			
2891 MISCELLANEOUS CHEMICAL PROD	10,071	306	8,500		1,265			
2911 GASOLINE	2,241,410	100,572	73	2,045,649		10,926	60,544	23,446
2912 JET FUEL	132,410			97,888				34,526
2913 KEROSENE	4,752			4,752				
2914 DISTILLATE FUEL OIL	932,442	151,508	24	634,299		1,353	9,058	136,120
2915 RESIDUAL FUEL OIL	2,686,764	841,857		656,232	6,293		627,232	555,150
2916 LUBRICATING OILS AND GREASES	12,014		251	9,546	2,217			
2917 NAPHTHA, PETROLEUM SOLVENTS	471		3		468			
2918 ASPHALT, TAR, AND PITCHES	142,316	15,322	85	126,906	3			
2921 LIQUEFIED GASES	55		12	23	20			
2931 ASPHALT BUILDING MATERIALS	123		25		98			
2991 PETROLEUM AND COAL PROD, NEC	3,951		1,030		2,921			
3011 RUBBER AND MISC PLASTIC PROD	44,933	7,621	641	2,178	34,493			
3111 LEATHER AND LEATHER PRODUCTS	3,159	1,646	92	1,364	57			
3211 GLASS AND GLASS PRODUCTS	8,616	5,215	601	269	2,451			
3241 BUILDING CEMENT	309,422	214,900	110	94,400				
3251 STRUCTURAL CLAY PRODUCTS	13,443	12,091	849		503			
3281 CUT STONE AND STONE PRODUCTS	1,377	1,375	2					
3291 MISC NONMETALLIC MINERAL PROD	21,139	4,480	532	996	83		11,040	4,000
3311 PIG IRON	3,527	3,417		110				
3315 IRON, STEEL SHAPES, EXC SHEET	173,749	55,477	163		247	117,062		
3316 IRON AND STEEL PLATES, SHEETS	12,334	2,039	1,011	44	9,240			
3317 IRON AND STEEL PIPE AND TUBE	838	596	35		207			
3318 FERROALLOYS	12,104	9,740	2,223	141				
3319 IRON AND STEEL PRODUCTS, NEC	4,049	2,856	4	1,159	30			
3321 NONFERROUS METALS, NEC	575	82	39	34	418			
3322 COPPER ALLOYS, UNWORKED	1,002	883	7		112			

JACKSONVILLE, FL, DISTRICT

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JACKSONVILLE HARBOR, FLA.--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
3323 LEAD AND ZINC, UNWORKED-----	3	-----	3	-----	-----	-----	-----	-----
3329 ALUMINUM AND ALLOYS, UNWORKED-----	7,828	6,782	10	39	997	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	46,704	6,784	2,124	4,821	32,875	100	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	56,131	22,373	6,104	1,091	25,863	-----	700	-----
3611 ELECTRICAL MACH AND EQUIP-----	5,402	946	2,912	797	747	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	788,190	715,428	44,582	201	27,977	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	17	1	16	-----	49	-----	-----	-----
3731 SHIPS AND BOATS-----	1,205	248	908	-----	49	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	4,755	-----	329	-----	4,426	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	17,072	18	56	16,994	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	2,346	634	280	454	748	-----	250	-----
4011 IRON AND STEEL SCRAP-----	9,231	9,149	82	-----	-----	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	3,202	447	2,412	343	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SHEEP-----	21	-----	21	-----	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	10,228	-----	10,133	95	-----	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	7,442	-----	-----	7,442	-----	-----	-----	-----
4112 COMMODITIES, NEC-----	571,346	2,955	2,533	118,833	447,025	-----	-----	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	72	-----	72	-----	-----	-----	-----	-----
TOTAL TON-MILES, 244,054,235.								

ST. JOHNS RIVER, FLA., JACKSONVILLE TO LAKE HARNEY

SECTION INCLUDED: FLORIDA EAST COAST RAILWAY BRIDGE AT JACKSONVILLE TO LAKE HARNEY, 186.4 MILES; SIDE CHANNEL TO ENTERPRISE, 2.7 MILES, CONTROLLING DEPTH: 11.0 FEET, JACKSONVILLE TO UNITED STATES NAVAL AIR STATION: 8.0 FEET TO SANFORD; 8.7 FEET IN ENTERPRISE CHANNEL; 2 FEET, SANFORD TO LAKE HARNEY. PROJECT DEPTH: 13 TO 12 FEET, JACKSONVILLE TO SANFORD, 140.6 MILES, AND 12 FEET IN ENTERPRISE CHANNEL; 5 FEET, SANFORD TO LAKE HARNEY, 20.9 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	1,160,920	1982-----	1,118,148
1978-----	1,558,423	1983-----	82,253
1979-----	1,516,374	1984-----	248,317
1980-----	1,476,207	1985-----	202,110
1981-----	1,849,213	1986-----	379,396

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE	INTERNAL		THROUGH UPBOUND
					RECEIPTS	INBOUND	
TOTAL-----	379,396	600	922	360	250,358	127,216	
1442 SAND, GRAVEL, CRUSHED ROCK-----	10	-----	10	-----	-----	-----	-----
1494 GYPSUM, CRUDE AND PLASTERS-----	94	-----	94	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	13	-----	13	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	644	-----	644	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	2	-----	2	-----	-----	-----	-----
2915 RESIDUAL FUEL OIL-----	374,847	-----	-----	-----	247,631	127,216	
3315 IRON, STEEL SHAPES, EXC SHEET-----	2,377	-----	-----	-----	2,377	-----	-----
3411 FABRICATED METAL PRODUCTS-----	68	-----	68	-----	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	698	-----	48	300	350	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	3	-----	3	-----	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	36	-----	36	-----	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	4	-----	4	-----	-----	-----	-----
4112 COMMODITIES, NEC-----	600	600	-----	-----	-----	-----	-----
TOTAL TON-MILES, 40,358,369.							

INTRACOASTAL WATERWAY, JACKSONVILLE TO MIAMI, FLA.

SECTION INCLUDED: ST. JOHNS RIVER TO MIAMI, FLA., 349 MILES, CONTROLLING CENTERLINE DEPTH: 8 FEET, ST. JOHNS RIVER TO FT. PIERCE AND 5 FEET FROM FT. PIERCE TO MIAMI EXCEPT FOR WIDELY SEPARATED SPOT SHOALS IN OUTSIDE QUARTERS. PROJECT DEPTH: 12 FEET, JACKSONVILLE TO FT. PIERCE THENCE 10 FEET TO MIAMI, 349 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	EXCURSION PASSENGERS	YEAR	TONS	EXCURSION PASSENGERS
1977-----	1,269,218	515,950	1982-----	1,103,955	558,336
1978-----	1,187,362	532,141	1983-----	835,925	512,565
1979-----	1,475,654	502,242	1984-----	440,233	415,093
1980-----	1,214,075	530,752	1985-----	208,572	439,212
1981-----	1,021,788	612,714	1986-----	323,124	397,271

Waterborne Commerce of the United States, 1986

INTRACOASTAL WATERWAY, JACKSONVILLE TO MIAMI, FLA.--CONTINUED

FREIGHT TRAFFIC, 1986

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INBOUND	OUTBOUND	INTERNAL		THROUGH	THROUGH
		NORTHBOUND	SOUTHBOUND			NORTHBOUND	SOUTHBOUND		
TOTAL-----	323,124	4,173	3,266	273,511	2,679	5,716	738	7,622	25,419
0911 FRESH FISH, EXCEPT SMELLFISH----	6,061			1,436		4,625			
0912 SMELLFISH, EXCEPT PREPARED----	2,364			301	972	1,091			
2095 ICE-----	2,445				1,707		738		
2911 GASOLINE-----	10,379								10,379
2914 DISTILLATE FUEL OIL-----	10,379								10,379
2915 RESIDUAL FUEL OIL-----	276,757			271,774				3,822	1,161
2921 LIQUEFIED GASES-----	2,660		2,660						
3291 MISC NONMETALLIC MINERAL PROD-----	300								300
3411 FABRICATED METAL PRODUCTS-----	504	340	164						
3511 MACHINERY, EXCEPT ELECTRICAL-----	9,192	1,750	442					3,800	3,200
3611 ELECTRICAL MACH AND EQUIP-----	1,200	1,200							
3731 SHIPS AND BOATS-----	133	133							
3791 MISC TRANSPORTATION EQUIPMENT-----	750	750							
TOTAL TON-MILES, 5,940,870.									

CANAVARAL HARBOR, FLA.

SECTION INCLUDED: ENTRANCE CHANNEL (ATLANTIC OCEAN) TO BARRIER BEACH INNER CHANNEL AND TURNING BASINS, THENCE A BARGE CANAL THROUGH A LOCK IN THE PERIMETER DIKE AND CONTINUING TO THE INTRACOASTAL WATERWAY, JACKSONVILLE TO MIAMI. CONTROLLING DEPTH: 42 FEET IN ENTRANCE CHANNEL CUT-1A AND CUT-1, THENCE 42 FEET IN INNER CHANNEL CUT-2 TO BARRIER BEACH, THENCE 36 FEET IN INNER CHANNEL TO CIVIL TURNING BASIN OF 35 FEET, CONTINUING ALONG BARGE CANAL OF 12 FEET. PROJECT DEPTHS: 44 FEET IN THE U. S. NAVY ENTRANCE CHANNEL (ATLANTIC OCEAN) TO BARRIER BEACH INNER CHANNEL INTERSECTION NAVY'S TRIDENT ACCESS CHANNEL, THENCE 35 FEET FOR 0.13 MILE, THENCE 36 FEET TO CIVIL TURNING BASIN OF 35 FEET AND CONTINUING ALONG BARGE CANAL OF 12 FEET. LENGTH OF PROJECT IS ABOUT 15.4 MILES. THE CIVIL PROJECT DEPTH OF ENTRANCE CHANNEL TO BARRIER BEACH INNER CHANNEL IS 37 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	2,807,463	1982-----	2,534,509
1978-----	3,434,024	1983-----	2,285,751
1979-----	3,473,243	1984-----	2,608,224
1980-----	2,704,932	1985-----	2,258,215
1981-----	2,574,658	1986-----	2,374,127

* PASSENGERS--22,197.

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE	INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
TOTAL-----	2,374,127	1,423,759	175,426	485,594	82	14,061	275,205
0119 OILSEEDS, NEC-----	651		651				
0131 FRESH FRUITS-----	16,307		16,307				
0911 FRESH FISH, EXCEPT SMELLFISH-----	204					204	
0912 SMELLFISH, EXCEPT PREPARED-----	922					922	
1491 SALT-----	41,391	41,391					
2039 PREP FRUIT AND VEG JUICE, NEC-----	75,512	75,512	1,646				
2081 ALCOHOLIC BEVERAGES-----	5	5					
2095 ICE-----	3,431						3,431
2099 MISCELLANEOUS FOOD PRODUCTS-----	1,020		1,020				
2421 LUMBER-----	43,852	43,852					
2491 WOOD MANUFACTURES, NEC-----	28	28					
2511 FURNITURE AND FIXTURES-----	8	8					
2621 STANDARD NEWSPRINT PAPER-----	108,453	108,453					
2631 PAPER AND PAPERBOARD-----	2,168	2,168					
2841 SOAP-----	5,192	5,192					
2872 POTASSIC CHEM FERTILIZERS-----	3,858	3,858					
2891 MISCELLANEOUS CHEMICAL PROD-----	10		10				
2911 GASOLINE-----	261,987	172,557		80,153		9,277	
2912 JET FUEL-----	4,191	4,191					
2914 DISTILLATE FUEL OIL-----	75,669			72,311		1,358	
2915 RESIDUAL FUEL OIL-----	718,122	155,909		290,439			271,774
2918 ASPHALT, TAR, AND PITCHES-----	29,709			29,709			
3241 BUILDING CEMENT-----	808,819	795,119		12,900			
3251 STRUCTURAL CLAY PRODUCTS-----	11,227	11,227					
3291 MISC NONMETALLIC MINERAL PROD-----	300					300	
3315 IRON, STEEL SHAPES, EXC SHEET-----	911	911					
3317 IRON AND STEEL PIPE AND TUBE-----	469	469					
3411 FABRICATED METAL PRODUCTS-----	4,718	4,554		82	82		
3511 MACHINERY, EXCEPT ELECTRICAL-----	2,000					2,000	
3611 ELECTRICAL MACH AND EQUIP-----	2	2					
3731 SHIPS AND BOATS-----	5		5				
3911 MISC MANUFACTURED PRODUCTS-----	1	1					
4911 IRON AND STEEL SCRAP-----	155,557		155,557				
4112 COMMODITIES, NEC-----	226		226				
9999 DEPARTMENT OF DEFENSE AND SCI-----	2		2				
TOTAL TON-MILES, 4,460,282.							

JACKSONVILLE, FL. DISTRICT

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PALM BEACH HARBOR, FLA.

SECTION INCLUDED: ATLANTIC OCEAN TO PORT OF PALM BEACH TERMINALS, 1.7 MILES; LAKE NORTH FROM RIVIERA BRIDGE TO SOUTHERN BOULEVARD BRIDGE AT WEST PALM BEACH, 7.5 MILES; AND "PALM BEACH, FLA., SIDE CHANNEL AND BASIN," CONTROLLING DEPTH: 35 FEET, OCEAN TO TURNING BASIN AT PORT OF PALM BEACH TERMINALS, AND 33 FEET IN TURNING BASIN; EXCEPT FOR SHOALS IN THE OUTSIDE QUARTERS; 12 FEET IN CHANNEL THROUGH LAKE NORTH; AND 3 FEET IN PALM BEACH SIDE CHANNEL AND BASIN. PROJECT DEPTH: 35 FEET IN ENTRANCE CHANNEL FROM OCEAN MERGING WITH AN INNER CHANNEL 33 FEET DEEP TO AND INCLUDING TURNING BASIN AT PORT OF PALM BEACH TERMINALS.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	681,978	779	1982-----	1,696,237	433
1978-----	714,022	1,366	1983-----	2,386,469	141
1979-----	1,094,760	-----	1984-----	2,103,626	317
1980-----	1,624,561	434	1985-----	2,041,554	351
1981-----	2,232,902	955	1986-----	2,321,544	1,143

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
TOTAL-----	2,321,544	759,156	870,902	237,740	452,434	902	410
0102 BARLEY AND RYE-----	133	-----	133	-----	-----	-----	-----
0103 CORN-----	302	-----	302	-----	-----	-----	-----
0104 OATS-----	26	-----	26	-----	-----	-----	-----
0105 RICE-----	5,983	-----	5,983	-----	-----	-----	-----
0106 SORGHUM GRAINS-----	100	-----	100	-----	-----	-----	-----
0119 OILSEEDS, NEC-----	170	115	63	-----	-----	-----	-----
0121 TOBACCO, LEAF-----	1,039	597	72	-----	-----	-----	-----
0129 FIELD CROPS, NEC-----	909	510	-----	-----	-----	-----	-----
0131 FRESH FRUITS-----	9,013	693	8,320	-----	-----	-----	-----
0132 BANANAS AND PLANTAINS-----	3,154	3,138	16	-----	-----	-----	-----
0133 COFFEE-----	11,008	11,051	37	-----	-----	-----	-----
0134 COCOA BEANS-----	764	764	-----	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	42,696	16,498	23,998	-----	-----	-----	-----
0151 LIVE ANIMALS-----	85	-----	85	-----	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	1,634	62	1,572	-----	-----	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	4,460	3,759	709	-----	-----	-----	-----
0641 CRUDE RUBBER AND ALLIED GUM-----	126	-----	126	-----	-----	-----	-----
0661 FOREST PRODUCTS, NEC-----	737	623	114	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SMELT/FISH-----	1,132	160	81	-----	-----	843	-----
0912 SMELT/FISH, EXCEPT PREPARED-----	8,117	7,962	136	-----	-----	19	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	14	-----	14	-----	-----	-----	-----
1011 IRON ORE AND CONCENTRATES-----	283	-----	283	-----	-----	-----	-----
1051 ALUMINUM ORES, CONCENTRATES-----	30	-----	30	-----	-----	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	74	1	73	-----	-----	-----	-----
1121 COAL AND LIGNITE-----	116	-----	116	-----	-----	-----	-----
1411 Limestone-----	63	-----	63	-----	-----	-----	-----
1412 BUILDING STONE, UNWORKED-----	43	-----	43	-----	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	1,979	-----	1,979	-----	-----	-----	-----
1451 CLAY-----	2,613	-----	2,613	-----	-----	-----	-----
1471 PHOSPHATE ROCK-----	496	-----	496	-----	-----	-----	-----
1491 SALT-----	325	-----	325	-----	-----	-----	-----
1492 SULPHUR, DRY-----	393	-----	393	-----	-----	-----	-----
1494 GYPSUM, CRUDE AND PLASTERS-----	113	-----	113	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	1,722	484	1,238	-----	-----	-----	-----
1911 ORNANCE AND ACCESSORIES-----	21	-----	21	-----	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	33,248	14,887	18,361	-----	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	2,736	-----	2,736	-----	-----	-----	-----
2010 FALLOA, ANIMAL FATS AND OILS-----	630	-----	630	-----	-----	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	377	133	244	-----	-----	-----	-----
2021 DAIRY PRODUCTS, NEC-----	3,066	-----	3,066	-----	-----	-----	-----
2022 DRIED MILK AND CREAM-----	10,774	820	9,954	-----	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	918	344	574	-----	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	6,466	3,237	3,229	-----	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	54,080	39,222	14,858	-----	-----	-----	-----
2041 WHEAT FLOUR AND SEMOLINA-----	1,380	-----	1,380	-----	-----	-----	-----
2042 ANIMAL FEEDS-----	31,314	149	31,165	-----	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	15,215	294	14,921	-----	-----	-----	-----
2061 SUGAR-----	463,827	20	11,373	452,434	-----	-----	-----
2062 MOLASSES-----	319,570	17,943	301,607	-----	-----	-----	-----
2081 ALCOHOLIC BEVERAGES-----	33,124	2,614	30,508	-----	-----	-----	-----
2091 VEGETABLE OILS, VARS, SHORT-----	4,114	5	8,109	-----	-----	-----	-----
2092 ANIMAL OILS AND FATS, NEC-----	148	-----	148	-----	-----	-----	-----
2095 ICE-----	469	59	-----	-----	-----	-----	410
2099 MISCELLANEOUS FOOD PRODUCTS-----	49,375	1,704	47,669	-----	-----	-----	-----
2111 TOBACCO MANUFACTURES-----	595	108	487	-----	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	19,353	4,199	15,154	-----	-----	-----	-----
2311 APPAREL-----	9,869	4,307	5,562	-----	-----	-----	-----
2411 LOGS-----	1,030	151	879	-----	-----	-----	-----
2413 FUEL WOOD, CHARCOAL, WASTES-----	163	7	156	-----	-----	-----	-----
2414 TIMBER, POLES, PILING-----	2,110	-----	2,110	-----	-----	-----	-----
2416 WOOD CHIPS, STAVES, HOLDINGS-----	949	4	945	-----	-----	-----	-----
2421 LUMBER-----	26,722	180	26,542	-----	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	4,805	981	3,824	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	5,504	2,640	2,864	-----	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	8,830	496	8,334	-----	-----	-----	-----
2611 PULP-----	472	-----	472	-----	-----	-----	-----
2621 STANDARD NEWSPRINT PAPER-----	300	-----	300	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	12,970	945	12,033	-----	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	13,072	3,237	9,835	-----	-----	-----	-----
2711 PRINTED MATTER-----	1,415	10	1,405	-----	-----	-----	-----
2811 CRUDE TAR, OIL, BLS PRODUCTS-----	121	-----	121	-----	-----	-----	-----
2812 DYES, PIGMENT, TANNING MATS-----	210	-----	210	-----	-----	-----	-----
2813 ALCOHOL-----	918	-----	918	-----	-----	-----	-----

Waterborne Commerce of the United States, 1986

PALM BEACH HARBOR, FLA.--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
2816 RADIOACTIVE MATERIALS, WASTES-----	345		345				
2817 BENZENE AND TOLUENE-----	181		181				
2819 BASIC CHEMICALS AND PROD, NEC-----	23,727	940	22,787				
2821 PLASTIC MATERIALS-----	9,703	47	9,656				
2822 SYNTHETIC RUBBER-----	271		271				
2823 SYNTHETIC (MAN-MADE) FIBERS-----	3,008	21	2,987				
2831 DRUGS-----	2,791	16	2,775				
2841 SOAP-----	11,737	2,789	8,948				
2851 PAINTS-----	3,093	393	2,700				
2861 GUM AND GUMMED CHEMICALS-----	760	60	720				
2871 NITROGENOUS CHEM FERTILIZERS-----	121		121				
2872 POTASSIUM CHEM FERTILIZERS-----	943		943				
2873 PHOSPHATIC CHEM FERTILIZERS-----	396		396				
2874 INSECTICIDES, DISINFECTANTS-----	934	2	930				
2879 FERTILIZER AND MATERIALS, NEC-----	1,591		1,591				
2891 MISCELLANEOUS CHEMICAL PROD-----	7,314	306	7,008				
2911 GASOLINE-----	301		301				
2913 KEROSENE-----	742		742				
2914 DISTILLATE FUEL OIL-----	176		176				
2915 RESIDUAL FUEL OIL-----	280,921	43,181	237,740				
2916 LUBRICATING OILS AND GREASES-----	6,583		6,583				
2917 NAPHTHA, PETROLIUM SOLVENTS-----	139		139				
2918 ASPHALT, TAR, AND PITCHES-----	17,350	16,141	1,209				
2920 COKE, PETROLIUM COKE-----	59		59				
2921 LIQUEFIED GASES-----	983		983				
2951 ASPHALT BUILDING MATERIALS-----	1,244		1,244				
2991 PETROLEUM AND COAL PROD, NEC-----	116		116				
3011 RUBBER AND MISC PLASTIC PROD-----	11,233	642	10,591				
3111 LEATHER AND LEATHER PRODUCTS-----	2,143	1,033	1,110				
3211 GLASS AND GLASS PRODUCTS-----	12,670	2,912	9,758				
3241 BUILDING CEMENT-----	503,796	498,109	5,687				
3251 STRUCTURAL CLAY PRODUCTS-----	21,062	15,202	2,860				
3271 LIME-----	741		741				
3291 CUT STONE AND STONE PRODUCTS-----	1,018	806	212				
3291 MISC NONMETALLIC MINERAL PROD-----	10,591	1,896	8,695				
3314 IRON AND STEEL PRIMARY FORMS-----	23		23				
3315 IRON, STEEL SHAPES, EXC SHEET-----	2,075	353	1,722				
3316 IRON AND STEEL PLATES, SHEETS-----	545		545				
3317 IRON AND STEEL PIPE AND TUBE-----	811	342	469				
3318 FERROALLOYS-----	12		12				
3319 IRON AND STEEL PRODUCTS, NEC-----	1,445	1,314	131				
3321 NONFERROUS METALS, NEC-----	1,380	59	1,321				
3322 COPPER ALLOYS, UNWORKED-----	1,093	6	1,087				
3323 LEAD AND ZINC, UNWORKED-----	91		91				
3324 ALUMINUM AND ALLOYS, UNWORKED-----	2,878	1,641	1,237				
3411 FABRICATED METAL PRODUCTS-----	33,458	5,217	28,241				
3511 MACHINERY, EXCEPT ELECTRICAL-----	27,024	982	26,042				
3611 ELECTRICAL MACH AND EQUIP-----	20,798	382	19,916				
3711 MOTOR VEHICLES, PARTS, EQUIP-----	17,794	6,562	11,232				
3721 AIRCRAFT AND PARTS-----	21		21				
3731 SHIPS AND BOATS-----	1,066	197	869				
3791 MISC TRANSPORTATION EQUIPMENT-----	1,087		1,087				
3811 INSTR, TIME, PHOTO, OPT GOODS-----	1,318	55	1,263				
3911 MISC MANUFACTURED PRODUCTS-----	3,726	1,266	2,460				
4011 IRON AND STEEL SCRAP-----	447	392	55				
4012 NONFERROUS METAL SCRAP-----	1,025	1,000	25				
4022 TEXTILE WASTE, SCRAP, SHEEP-----	398		398				
4024 PAPER WASTE AND SCRAP-----	4,720		4,720				
412 COMMODITIES, NEC-----	20,171	4,178	15,993				
9999 DEPARTMENT OF DEFENSE AND SCI-----	105		105				
TOTAL TON-MILES-----	4,641,284						

PORT EVERGLADES HARBOR, FLA.

SECTION INCLUDED: ATLANTIC OCEAN TO TERMINALS AT PORT EVERGLADES, 1.7 MILES; SECTION OF INTRACOASTAL WATERWAY, LOS OLAS BOULEVARD BRIDGE, FORT LAUDERDALE, FLA., TO WASHINGTON STREET, HOLLYWOOD, FLA., 8.7 MILES; DANIA CUT-OFF CANAL, 6 MILES; AND "NEW RIVER, FLA." PROJECT, 7.9 MILES. CONTROLLING DEPTHS: 45 FEET IN ENTRANCE CHANNEL; 42 FEET THROUGH TURNING BASIN TO MAIN SLIP AT PORT EVERGLADES; 10 FEET IN INTRACOASTAL WATERWAY SECTION; 6 FEET IN NEW RIVER IN 1956, AND 4.5 IN DANIA CUT-OFF CANAL. PROJECT DEPTHS: 45 FEET, ATLANTIC OCEAN TO SOUTH JETTY CONVERGING TO 42 FEET AT STATION 51, THENCE 42 TO 31 FEET TO AND INCLUDING PORTIONS OF TURNING BASIN AT PORT EVERGLADES TERMINAL, AND 8 FEET IN NEW RIVER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	11,828,434	1,029,595	1982-----	11,487,539	982,952
1978-----	11,963,825	1,268,749	1983-----	11,463,317	914,080
1979-----	13,030,616	1,000,000	1984-----	11,822,277	766,740
1980-----	13,287,691	988,000	1985-----	11,648,543	812,274
1981-----	12,031,182	1,150,000	1986-----	11,536,078	747,382

JACKSONVILLE, FL, DISTRICT

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PORT EVERGLADES HARBOR, FLA.--CONTINUED

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	COASTWISE SHIPMENTS	INTERNAL RECEIPTS	INTERNAL SHIPMENTS
TOTAL-----	11,536,078	3,578,804	330,590	7,163,173	448,405	4,924	10,167
0101 COTTON, RAW-----	18	15	3				
0102 BARLEY AND RYE-----	126	126					
0103 CORN-----	30		30				
0105 RICE-----	45		382				
0111 SOYBEANS-----	5		5				
0119 OILSEEDS, NEC-----	1,524	1,132	392				
0121 TOBACCO, LEAF-----	959	771	188				
0129 FIELD CROPS, NEC-----	161	117	24				
0131 FRESH FRUITS-----	3,464	458	2,806				
0132 BANANAS AND PLANTAINS-----	1,476	1,327	149				
0133 COFFEE-----	40,240	36,911	3,329				
0134 COCOA BEANS-----	783	493	290				
0141 FRESH AND FROZEN VEGETABLES-----	17,031	15,849	1,182				
0151 LIVE ANIMALS-----	61	48	13				
0161 ANIMALS AND PRODUCTS, NEC-----	1,061	586	475				
0191 MISCELLANEOUS FARM PRODUCTS-----	1,700	1,499	201				
0841 CRUDE RUBBER AND ALLIED GUMS-----	61	25	36				
0861 FOREST PRODUCTS, NEC-----	1,643	1,204	439				
0911 FRESH FISH, EXCEPT SHELLFISH-----	1,986	1,977	9				
0912 SHELLFISH, EXCEPT PREPARED-----	5,666	5,514	152				
0931 MARINE SMELLS, UNMANUFACTURED-----	49	44	5				
1091 NONFERROUS ORES, CONCENT, NEC-----	6		6				
1121 COAL AND LIGNITE-----	34	29	5				
1311 CRUDE PETROLEUM-----	455,033	12,357	1	4,198	438,477		
1411 LIMESTONE-----	3	3					
1412 BUILDING STONE, UNWORKED-----	100		100				
1442 SAND, GRAVEL, CRUSHED ROCK-----	12,335	90	12,245				
1451 CLAY-----	1,615	90	1,525				
1471 PHOSPHATE ROCK-----	448		448				
1491 SALT-----	1,287	975	312				
1492 SULPHUR, DRY-----	83		83				
1494 GYPSUM, CRUDE AND PLASTERS-----	91,370	90,874	496				
1499 NONMETALLIC MINERALS, NEC-----	476	27	449				
1911 OPOUNCE AND ACCESSORIES-----	492	411	81				
2011 MEAT, FRESH, CHILLED, FROZEN-----	27,917	22,691	5,226				
2012 MEAT AND PRODUCTS, NEC-----	7,508	7,074	434				
2014 TALLOW, ANIMAL FATS AND OILS-----	482		482				
2015 ANIMAL BY-PRODUCTS, NEC-----	730	202	528				
2021 DAIRY PRODUCTS, NEC-----	9,519	7,013	2,506				
2022 SPIED MILK AND CREAM-----	14,562	12,907	1,655				
2031 FISH AND SHELLFISH, PREPARED-----	2,022	1,752	270				
2034 VEGETABLES AND PREP, NEC-----	5,125	4,375	750				
2039 PREP FRUIT AND VEG JUICE, NEC-----	42,848	31,389	11,460				
2041 WHEAT FLOUR AND SEMOLINA-----	405		405				
2042 ANIMAL FEEDS-----	3,417	55	3,362				
2049 GRAIN MILL PRODUCTS, NEC-----	6,445	4,963	1,482				
2061 SUGAR-----	4,202	1,615	2,587				
2061 ALCOHOLIC BEVERAGES-----	146,574	140,525	6,051				
2091 VEGETABLE OILS, MARG, SHORT-----	2,328	502	1,826				
2092 ANIMAL OILS AND FATS, NEC-----	754	754					
2095 ICE-----	6,278	6,278					
2099 MISCELLANEOUS FOOD PRODUCTS-----	16,793	9,007	7,786				
2111 TOBACCO MANUFACTURES-----	234	144	90				
2211 BASIC TEXTILE PRODUCTS-----	9,988	5,029	4,959				
2311 APPAREL-----	3,392	1,940	1,444				
2411 LOGS-----	27		27				
2413 FUEL WOOD, CHARCOAL, WASTES-----	43	27	16				
2414 TIMBER, POSTS, POLES, PILING-----	527	33	494				
2416 WOOD CHIPS, STAVES, MOLDINGS-----	103		103				
2421 LUMBER-----	121,369	112,702	8,667				
2431 VENEER, PLYWOOD, WORKED WOOD-----	5,997	4,112	1,885				
2491 WOOD MANUFACTURES, NEC-----	4,253	2,187	2,066				
2511 FURNITURE AND FIXTURES-----	10,229	9,163	1,066				
2611 PULP-----	1,268		1,268				
2621 STANDARD NEWSPRINT PAPER-----	45,140	43,134	2,006				
2631 PAPER AND PAPERBOARD-----	31,977	11,561	20,416				
2691 PULP AND PAPER PRODUCTS, NEC-----	9,866	1,663	3,203				
2711 PRINTED MATTER-----	1,145	641	504				
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	62	52	10				
2812 DYES, PIGMENT, TANNING MATS-----	155		155				
2813 ALCOHOLS-----	1,294	65	1,229				
2816 RADIOACTIVE MATERIALS, WASTES-----	14		14				
2817 BENZENE AND TOLUENE-----	216		216				
2819 BASIC CHEMICALS AND PROD, NEC-----	18,124	6,343	11,781				
2821 PLASTIC MATERIALS-----	9,593	3,145	6,448				
2822 SYNTHETIC RUBBER-----	159	67	92				
2823 SYNTHETIC (MAN-MADE) FIBERS-----	1,002	111	891				
2831 DRUGS-----	2,596	1,316	1,280				
2841 SOAP-----	8,786	6,556	2,230				
2851 PAINTS-----	3,416	2,163	1,253				
2861 GUM AND WOOD CHEMICALS-----	261	70	191				
2871 NITROGENOUS CHEM FERTILIZERS-----	359	162	197				
2872 POTASSIC CHEM FERTILIZERS-----	86		86				
2873 PHOSPHATIC CHEM FERTILIZERS-----	38		38				
2876 INSECTICIDES, DISINFECTANTS-----	829	76	753				
2879 FERTILIZER AND MATERIALS, NEC-----	982	390	592				
2891 MISCELLANEOUS CHEMICAL PROD-----	5,765	2,202	3,563				
2911 GASOLINE-----	4,737,863	177,597	4,560,266				
2912 JET FUEL-----	1,844,513	1,115,316	729,197				
2913 KEROSENE-----	8,790		8,790				
2914 DISTILLATE FUEL OIL-----	1,398,411	122,717	1,275,694				
2915 RESIDUAL FUEL OIL-----	764,485	268,508	495,977				

PORT EVERGLADES HARBOR, FLA.--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	COASTWISE SHIPMENTS	INTERNAL RECEIPTS	INTERNAL SHIPMENTS
2916 LUBRICATING OILS AND GREASES-----	3,286	564	2,722				
2917 NAPHTHA, PETROLEUM SOLVENTS-----	95		95				
2918 ASPHALT, TAR, AND PITCHES-----	214,421	148,099	620	64,699	803		
2921 LIQUEFIED GASES-----	78,038	8	124	77,910			
2951 ASPHALT BUILDING MATERIALS-----	849		849				
2991 PETROLEUM AND COAL PROD., NEC-----	285	217	68				
3011 RUBBER AND MISC PLASTIC PROD-----	10,303	6,043	4,260				
3111 LEATHER AND LEATHER PRODUCTS-----	736	406	330				
3211 GLASS AND GLASS PRODUCTS-----	9,936	5,773	4,163				
3241 BUILDING CEMENT-----	797,747	791,688	1,375	4,684			
3251 STRUCTURAL CLAY PRODUCTS-----	43,575	42,561	1,014				
3271 LIME-----	94		94				
3281 CUT STONE AND STONE PRODUCTS-----	8,124	7,971	158				
3291 MISC NONMETALLIC MINERAL PROD-----	10,372	3,955	6,417				
3314 IRON AND STEEL PRIMARY FORMS-----	20		20				
3315 IRON, STEEL SHAPES, EXC SHEET-----	168,115	166,278	1,837				
3316 IRON AND STEEL PLATES, SHEETS-----	2,068	1,769	299				
3317 IRON AND STEEL PIPE AND TUBE-----	8,175	7,617	558				
3318 FERROALLOYS-----	277	3	274				
3319 IRON AND STEEL PRODUCTS, NEC-----	5,898	5,691	207				
3321 NONFERROUS METALS, NEC-----	2,488	1,571	917				
3322 COPPER ALLOYS, UNWORKED-----	754	260	494				
3323 LEAD AND ZINC, UNWORKED-----	12		12				
3324 ALUMINUM AND ALLOYS, UNWORKED-----	9,188	8,455	733				
3411 FABRICATED METAL PRODUCTS-----	22,163	15,267	6,896				
3511 MACHINERY, EXCEPT ELECTRICAL-----	22,563	12,214	10,349				
3611 ELECTRICAL MACH AND EQUIP-----	13,511	4,927	8,584				
3711 MOTOR VEHICLES, PARTS, EQUIP-----	14,021	7,428	6,593				
3721 AIRCRAFT AND PARTS-----	49	12	37				
3731 SHIPS AND BOATS-----	2,225	1,579	646				
3791 MISC TRANSPORTATION EQUIPMENT-----	737		737				
4811 INSTR, TIME, PHOTO, OPT GOODS-----	1,319	394	925				
3911 MISC MANUFACTURED PRODUCTS-----	3,558	2,159	1,399				
4011 IRON AND STEEL SCRAP-----	60,186	393	59,793				
4012 NONFERROUS METAL SCRAP-----	2,200	368	1,832				
4022 TEXTILE WASTE, SCRAP, SHEEP-----	954	146	808				
4024 PAPER WASTE AND SCRAP-----	11,384		11,384				
4112 COMMODITIES, NEC-----	17,995	11,457	6,538				
9999 DEPARTMENT OF DEFENSE AND SCI-----	110		110				
TOTAL TON-MILES, 22,801,874.							

MIAMI HARBOR, FLA.

SECTION INCLUDED: ATLANTIC OCEAN TO INNER END OF TURNING BASIN AT MIAMI, 6 MILES; MELOY CHANNEL AND THENCE NATURAL CHANNELS ALONG THE EASTERLY SIDE OF BISCAYNE BAY TO BAKERS HAULOVER INLET, FLA., ABOUT 11 MILES; CHANNEL FROM TURNING BASIN TO MOUTH OF MIAMI RIVER, 1.1 MILES; EXISTING FLORIDA EAST COAST RAILWAY CHANNEL, FISHERMANS CHANNEL FROM MOUTH OF MIAMI RIVER TO GOVERNMENT CUT, 3.8 MILES; AND THE CHANNELS REPORTED UNDER "MIAMI RIVER, FLA." CONTROLLING DEPTHS: 38 FEET IN MIDDLE HALF OF ENTRANCE CHANNEL AND TURNING BASIN; ABOUT 19 FEET IN MELOY CHANNEL, AND THENCE 6.6 FEET IN NATURAL CHANNELS ALONG EASTERLY SIDE OF BISCAYNE BAY TO BAKERS HAULOVER INLET; ABOUT 12 FEET IN CHANNEL FROM TURNING BASIN TO MOUTH OF MIAMI RIVER; AND 6.6 FEET IN FLORIDA EAST COAST RAILWAY CHANNEL; AND THE DEPTHS REPORTED UNDER "MIAMI RIVER, FLA." PROJECT DEPTHS: 38 FEET IN ENTRANCE CHANNEL, TO BEACH LINE THENCE 36 FEET TO AND INCLUDING TURNING BASIN AT MIAMI; 15 FEET IN CHANNEL FROM TURNING BASIN TO MOUTH OF MIAMI RIVER; THE CHANNELS REPORTED UNDER "MIAMI RIVER, FLA." AND 8 FEET IN FLORIDA EAST COAST RAILWAY CHANNEL.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	3,504,543	1,553,982	1982-----	3,160,063	866,000
1978-----	3,667,050	1,368,580	1983-----	3,651,093	802,000
1979-----	3,576,771	812,440	1984-----	3,443,091	602,040
1980-----	3,929,398	817,446	1985-----	3,254,256	626,372
1981-----	3,626,026	809,072	1986-----	4,481,641	600,816

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	COASTWISE SHIPMENTS	INTERNAL RECEIPTS	INTERNAL SHIPMENTS
TOTAL-----	4,481,641	1,692,600	1,044,824	407,267	1,172,299	12,484	152,167
0101 COTTON, RAW-----	271	1	270				
0103 CORN-----	1,237		1,237				
0104 OATS-----	7		7				
0105 RICE-----	30,117	251	29,823		243		
0106 SORGHUM GRAINS-----	111		111				
0111 SOYBEANS-----	471		471				
0119 OILSEEDS, NEC-----	1,271	745	526				
0121 TOBACCO, LEAF-----	4,319	3,643	615		61		
0122 HAY AND FODDER-----	22				22		
0129 FIELD CROPS, NEC-----	897	321	523				
0131 FRESH FRUITS-----	6,537	1,429	4,660	416	53		
0132 BANANAS AND PLANTAINS-----	83,441	83,379	62				
0133 COFFEES-----	134,758	120,683	9,771	4,324			
0134 COCOA BEANS-----	619	557	2	60			

JACKSONVILLE, FL, DISTRICT

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MIAMI HARBOR, FLA.--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
0141 FRESH AND FROZEN VEGETABLES-----	45,473	20,602	18,633	2,667	3,571		
0151 LIVE ANIMALS-----	89						
0161 ANIMALS AND PRODUCTS, NEC-----	3,685	2,503	1,182				
0191 MISCELLANEOUS FARM PRODUCTS-----	3,035	1,928	1,023	58	26		
0841 CRUDE RUBBER AND ALLIED GUMS-----	1,592	206	1,363		23		
0861 FOREST PRODUCTS, NEC-----	1,134	412	461		261		
0911 FRESH FISH, EXCEPT SHELLFISH-----	4,982	4,549	231			202	
0912 SHELLFISH, EXCEPT PREPARED-----	24,690	24,128	562				
0931 MARINE SHELLS, UNMANUFACTURED-----	768	677	91				
1011 IRON ORE AND CONCENTRATES-----	243		243				
1051 ALUMINUM ORES, CONCENTRATES-----	132	2	130				
1061 MANGANESE ORES, CONCENTRATES-----	163		163				
1091 NONFERROUS ORES, CONCENT, NEC-----	404		404				
1121 COAL AND LIGNITE-----	1,110		1,110				
1311 CRUDE PETROLEUM-----	228		20		208		
1411 LIMESTONE-----	818		818				
1412 BUILDING STONE, UNWORKED-----	215		195		20		
1442 SAND, GRAVEL, CRUSHED ROCK-----	3,779	1,671	2,072		36		
1451 CLAY-----	4,335	54	3,776		505		
1471 PHOSPHATE ROCK-----	837		837				
1491 SALT-----	441	12	425		4		
1492 SULPHUR, DRY-----	278		278				
1494 GYPSUM, CRUDE AND PLASTERS-----	436		434				
1499 NONMETALLIC MINERALS, NEC-----	1,979	42	1,709		128		
1911 ORDNANCE AND ACCESSORIES-----	1,629	1,406	220		3		
2011 MEAT, FRESH, CHILLED, FROZEN-----	37,225	16,660	16,135	1,316	3,114		
2012 MEAT AND PRODUCTS, NEC-----	7,040	2,105	3,399		1,536		
2014 TALLOW, ANIMAL FATS AND OILS-----	14,182		14,167		20		
2015 ANIMAL BY-PRODUCTS, NEC-----	442	56	406				
2021 DAIRY PRODUCTS, NEC-----	6,096	1,849	3,851		396		
2022 DRIED MILK AND CREAM-----	14,383	1,700	12,631		52		
2031 FISH AND SHELLFISH, PREPARED-----	13,589	10,558	2,805	18	208		
2034 VEGETABLES AND PREP, NEC-----	22,009	15,414	6,268	3	328		
2039 PREP FRUIT AND VEG JUICE, NEC-----	56,101	38,015	16,163	20	1,903		
2041 WHEAT FLOUR AND SEMOLINA-----	1,929		1,631		298		
2042 ANIMAL FEEDS-----	16,930	1,226	14,493		1,211		
2049 GRAIN, MILL PRODUCTS, NEC-----	28,495	3,640	20,106	30	679		
2061 SUGAR-----	6,529	170	4,536		1,823		
2062 MOLASSES-----	61	15	46				
2081 ALCOHOLIC BEVERAGES-----	66,932	45,936	20,726		270		
2091 VEGETABLE OILS, MARG, SHORT-----	11,422	2,509	7,705		1,200		
2092 ANIMAL OILS AND FATS, NEC-----	155	134	21				
2095 ICE-----	8,564	7,860					484
2099 MISCELLANEOUS FOOD PRODUCTS-----	59,844	11,894	47,251	119	580		
2111 TOBACCO MANUFACTURES-----	3,441	96	3,541		4		
2211 BASIC TEXTILE PRODUCTS-----	63,678	20,588	42,556	20	714		
2212 TEXTILE FIBERS, NEC-----	76	12	64				
2311 APPAREL-----	58,530	21,667	30,192	57	4,614		
2411 LOGS-----	920	53	867				
2413 FUEL WOOD, CHARCOAL, WASTES-----	501	164	337				
2414 TIMBER, POSTS, POLES, PILING-----	2,420	744	1,676				
2416 WOOD CHIPS, STAVES, MOLDINGS-----	49		49				
2421 LUMBER-----	52,046	32,471	19,538		37		
2431 VENEER, PLYWOOD, WORKED WOOD-----	28,099	16,703	9,391		5		
2491 WOOD MANUFACTURES, NEC-----	18,499	8,310	9,836		353		
2511 FURNITURE AND FIXTURES-----	26,544	17,047	9,224	1	272		
2611 PULP-----	2,865		2,394		471		
2621 STANDARD NEWSPRINT PAPER-----	40,545	38,970	1,097		478		
2631 PAPER AND PAPERBOARD-----	51,536	20,574	18,122		12,840		
2691 PULP AND PAPER PRODUCTS, NEC-----	23,979	8,227	15,148		604		
2711 PRINTED MATTER-----	6,358	1,763	4,542		53		
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	471	294	177				
2812 DYES, PIGMENT, TANNING MATS-----	913		868		45		
2813 ALCOHOLS-----	2,996	1,332	1,385		279		
2816 RADIOACTIVE MATERIALS, WASTES-----	8		8				
2817 BENZENE AND TOLUENE-----	366		302		64		
2819 BASIC CHEMICALS AND PROD, NEC-----	34,499	6,184	27,755		555		
2821 PLASTIC MATERIALS-----	29,891	4,851	24,124		916		
2822 SYNTHETIC RUBBER-----	2,137	43	2,069		25		
2823 SYNTHETIC (MAN-MADE) FIBERS-----	5,916	457	5,437		22		
2831 DRUGS-----	8,776	260	8,456		58		
2841 SOAP-----	17,646	4,895	12,499	1	251		
2851 PAINTS-----	8,191	1,391	6,604		236		
2861 GUM AND WOOD CHEMICALS-----	917	136	711		70		
2871 NITROGENOUS CHEM FERTILIZERS-----	2,598	1,851	725		22		
2872 POTASSIC CHEM FERTILIZERS-----	530		530				
2873 PHOSPHATIC CHEM FERTILIZERS-----	286		286				
2876 INSECTICIDES, DISINFECTANTS-----	5,933	1,016	4,871		46		
2879 FERTILIZER AND MATERIALS, NEC-----	1,681	30	1,566		85		
2891 MISCELLANEOUS CHEMICAL PROD-----	20,507	3,565	16,736		206		
2911 GASOLINE-----	94		94				
2913 KEROSENE-----	387		387				
2914 DISTILLATE FUEL OIL-----	173,976	62,004	154	101,897	18	9,021	1,682
2915 RESIDUAL FUEL OIL-----	1,991,312	514,171	54	202,873	1,046,152	1,161	146,901
2916 LUBRICATING OILS AND GREASES-----	10,747	3,448	6,220		1,079		
2917 NAPHTHA, PETROLEUM SOLVENTS-----	236		87		149		
2918 ASPHALT, TAR, AND BITUMENS-----	21,134	20,082	1,054				
2920 COKE, PETROLEUM COKE-----	96		96				
2921 LIQUEFIED GASES-----	783		783				
2951 ASPHALT BUILDING MATERIALS-----	7,739		7,554	23	162		
2991 PETROLEUM AND COAL PROD, NEC-----	427	7	347		73		
3011 RUBBER AND MISC PLASTIC PROD-----	43,690	20,203	22,919		946		
3111 LEATHER AND LEATHER PRODUCTS-----	19,350	15,699	3,634		17		
3211 GLASS AND GLASS PRODUCTS-----	29,092	17,518	11,760		718		

Waterborne Commerce of the United States, 1986

MIAMI HARBOR, FLA.--CONTINUED
 FREIGHT TRAFFIC, 1986--CONTINUED
 (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
3241 BUILDING CEMENT-----	43,775	40,918	2,553	-----	304	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	113,951	104,350	9,359	-----	247	-----	-----
3271 LIME-----	406	-----	406	-----	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	44,409	44,079	284	-----	42	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	31,509	20,046	11,369	15	79	-----	-----
3311 PIG IRON-----	28	-----	26	-----	2	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	44	-----	44	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	11,680	9,351	2,307	-----	22	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	3,493	-----	3,471	-----	22	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	4,579	1,667	2,910	-----	2	-----	-----
3318 FERROALLOYS-----	19	-----	19	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	4,594	3,008	1,586	-----	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	2,863	233	2,184	-----	446	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	3,421	1,347	2,042	-----	32	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	824	452	336	-----	36	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	25,471	20,482	4,520	-----	469	-----	-----
3411 FABRICATED METAL PRODUCTS-----	75,299	37,853	36,723	4	719	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	105,351	20,403	77,545	150	2,053	2,100	3,100
3611 ELECTRICAL MACH AND EQUIP-----	93,587	40,190	52,752	-----	645	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	55,590	12,450	43,067	5	68	-----	-----
3721 AIRCRAFT AND PARTS-----	225	15	210	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	9,960	6,290	3,670	-----	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	2,794	7	2,769	16	2	-----	-----
3811 INSTA, TIME, PHOTO, OPT GOODS-----	17,141	4,168	12,911	-----	62	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	26,045	17,297	8,231	72	445	-----	-----
4011 IRON AND STEEL SCRAP-----	13,199	140	13,059	-----	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	9,271	2,419	6,836	16	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	5,988	136	5,827	-----	25	-----	-----
4024 PAPER WASTE AND SCRAP-----	86,988	-----	86,497	-----	491	-----	-----
4112 COMMODITIES, NEC-----	129,115	7,549	34,669	13,846	73,011	-----	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	1,133	-----	1,133	-----	-----	-----	-----
TOTAL TON-MILES, 18,778,642.							

MIAMI RIVER, FLA. (INCLUDED IN TRAFFIC OF
 MIAMI HARBOR, FLA.)

SECTION INCLUDED: MOUTH TO N. W. 36TH STREET BRIDGE, 5.5 MILES. CONTROLLING DEPTH: 14.0 FEET AT MEAN LOW WATER FROM MOUTH TO MIAMI CANAL, AND THENCE TO 9.0 FEET TO N. W. 36TH STREET BRIDGE, 1.5 MILES. PROJECT DEPTH: 15 FEET UNDER FLOOD CONDITIONS FROM MOUTH TO A POINT 5.5 MILES UPSTREAM.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977-----	339,001	400,000	1982-----	445,803	400,000
1978-----	326,943	400,000	1983-----	412,424	380,000
1979-----	368,458	400,000	1984-----	513,538	301,040
1980-----	394,391	405,400	1985-----	466,132	626,000
1981-----	412,707	404,536	1986-----	491,473	600,000

FREIGHT TRAFFIC, 1986
 (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC	
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS
TOTAL-----	481,473	81,463	399,324	202	484
0101 COTTON, RAW-----	69	1	68	-----	-----
0103 CORN-----	704	-----	704	-----	-----
0104 OATS-----	7	-----	7	-----	-----
0105 RICE-----	27,428	-----	27,428	-----	-----
0106 SORGHUM GRAINS-----	94	-----	94	-----	-----
0111 SOYBEANS-----	239	-----	239	-----	-----
0119 OILSEEDS, NEC-----	270	-----	270	-----	-----
0121 TOBACCO, LEAF-----	294	89	205	-----	-----
0129 FIELD CROPS, NEC-----	69	-----	69	-----	-----
0131 FRESH FRUITS-----	487	-----	487	-----	-----
0132 BANANAS AND PLANTAINS-----	10,113	10,051	62	-----	-----
0133 COFFEE-----	2,625	2,569	56	-----	-----
0134 COCOA BEANS-----	115	115	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	12,206	2,415	9,791	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	355	6	349	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	830	61	769	-----	-----
0801 CRUDE RUBBER AND ALLIED GUMS-----	38	-----	38	-----	-----
0801 FOREST PRODUCTS, NEC-----	140	11	129	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	376	116	50	202	-----
0912 SHELLFISH, EXCEPT SHELLFISH-----	2,665	2,631	34	-----	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	13	13	-----	-----	-----
1011 IRON ORE AND CONCENTRATES-----	56	-----	56	-----	-----
1051 ALUMINUM ORES, CONCENTRATES-----	30	-----	29	-----	-----
1061 MANGANESE ORES, CONCENTRATES-----	163	-----	163	-----	-----
1411 LIMESTONE-----	795	-----	795	-----	-----
1412 BUILDING STONE, UNWORKED-----	186	-----	186	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	746	-----	746	-----	-----

JACKSONVILLE, FL, DISTRICT

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MIAMI RIVER, FLA. (INCLUDED IN TRAFFIC OF
MIAMI HARBOR, FLA.)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC INTERNAL	
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS
1451 CLAY-----	355		355		
1471 PHOSPHATE ROCK-----	438		438		
1491 SALT-----	188		188		
1492 SULPHUR, DRY-----	9		9		
1494 GYPSUM, CRUDE AND PLASTERS-----	184		184		
1499 NONMETALLIC MINERALS, NEC-----	937		937		
1911 ORDNANCE AND ACCESSORIES-----	31		31		
2011 MEAT, FRESH, CHILLED, FROZEN-----	6,172	198	5,974		
2012 MEAT AND PRODUCTS, NEC-----	1,507	10	1,493		
2014 TALLOW, ANIMAL FATS AND OILS-----	5,147		5,147		
2015 ANIMAL BY-PRODUCTS, NEC-----	112		112		
2021 DAIRY PRODUCTS, NEC-----	1,648	13	1,635		
2022 DRIED MILK AND CREAM-----	7,266	7	7,259		
2031 FISH AND SHELLFISH, PREPARED-----	1,451	257	1,194		
2034 VEGETABLES AND PREP, NEC-----	2,643	226	2,417		
2039 PREP FRUIT AND VEG JUICE, NEC-----	5,391	631	4,760		
2041 WHEAT FLOUR AND SEMOLINA-----	1,381		1,381		
2042 ANIMAL FEEDS-----	9,395		9,395		
2049 GRAIN MILL PRODUCTS, NEC-----	12,913	132	12,781		
2061 SUGAR-----	2,856	59	2,797		
2081 ALCOHOLIC BEVERAGES-----	11,227	92	11,135		
2091 VEGETABLE OILS, MARG, SHORT-----	4,460	82	4,378		
2092 ANIMAL OILS AND FATS, NEC-----	19		19		
2095 ICE-----	526	42			484
2099 MISCELLANEOUS FOOD PRODUCTS-----	29,425	1,032	28,393		
2111 TOBACCO MANUFACTURES-----	685	10	675		
2211 BASIC TEXTILE PRODUCTS-----	20,948	2,563	18,385		
2311 APPAREL-----	34,229	11,623	22,606		
2411 LOGS-----	686	43	643		
2413 FUEL WOOD, CHARCOAL, WASTES-----	368	139	229		
2414 TIMBER, POSTS, POLES, PILING-----	2,105	744	1,361		
2416 WOOD CHIPS, STAVES, MOLDINGS-----	45		45		
2421 LUMBER-----	15,512	562	14,950		
2431 VENEER, PLYWOOD, WORKED WOOD-----	7,436	612	6,824		
2491 WOOD MANUFACTURES, NEC-----	5,773	359	5,414		
2511 FURNITURE AND FIXTURES-----	5,792	348	5,444		
2611 PULP-----	225		225		
2621 STANDARD NEWSPRINT PAPER-----	1,266	1,058	228		
2631 PAPER AND PAPERBOARD-----	5,436	15	5,421		
2691 PULP AND PAPER PRODUCTS, NEC-----	7,283	1,546	5,737		
2711 PRINTED MATTER-----	1,173	7	1,166		
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	3		3		
2812 DYES, PIGMENT, TANNING MATS-----	26		26		
2813 ALCOHOLS-----	439		439		
2816 RADIOACTIVE MATERIALS, WASTES-----	7		7		
2817 BENZENE AND TOLUENE-----	9		9		
2819 BASIC CHEMICALS AND PROD, NEC-----	4,583	7	4,576		
2821 PLASTIC MATERIALS-----	4,629	7	4,622		
2822 SYNTHETIC RUBBER-----	67		67		
2823 SYNTHETIC (MAN-MADE) FIBERS-----	228		228		
2831 DRUGS-----	3,526		3,526		
2841 SOAP-----	6,035	1,130	4,905		
2851 PAINTS-----	2,448	8	2,440		
2861 GUM AND WOOD CHEMICALS-----	24		24		
2871 NITROGENOUS CHEM FERTILIZERS-----	268		268		
2872 POTASSIC CHEM FERTILIZERS-----	290		290		
2873 PHOSPHATIC CHEM FERTILIZERS-----	63		63		
2876 INSECTICIDES, DISINFECTANTS-----	888		888		
2879 FERTILIZER AND MATERIALS, NEC-----	435		435		
2891 MISCELLANEOUS CHEMICAL PROD-----	3,561	58	3,503		
2911 GASOLINE-----	13		13		
2913 KEROSENE-----	9		9		
2914 DISTILLATE FUEL OIL-----	963	951	12		
2915 RESIDUAL FUEL OIL-----	4,380	4,380			
2916 LUBRICATING OILS AND GREASES-----	2,568		2,568		
2918 ASPHALT, TAR, AND PITCHES-----	6,110	6,005	105		
2921 LIQUEFIED GASES-----	160		160		
2951 ASPHALT BUILDING MATERIALS-----	5,835		5,835		
2991 PETROLEUM AND COAL PROD, NEC-----	80		80		
3011 RUBBER AND MISC PLASTIC PROD-----	8,315	101	8,214		
3111 LEATHER AND LEATHER PRODUCTS-----	1,975	833	1,142		
3211 GLASS AND GLASS PRODUCTS-----	4,370	648	3,722		
3241 BUILDING CEMENT-----	21,377	19,793	1,584		
3251 STRUCTURAL CLAY PRODUCTS-----	5,963	1,391	4,572		
3271 LIME-----	383		383		
3281 CUT STONE AND STONE PRODUCTS-----	288	231	57		
3291 MISC NONMETALLIC MINERAL PROD-----	5,893	673	5,220		
3314 IRON AND STEEL PRIMARY FORMS-----	24		24		
3315 IRON, STEEL SHAPES, EXC SHEET-----	1,339	83	1,256		
3316 IRON AND STEEL PLATES, SHEETS-----	1,857		1,857		
3317 IRON AND STEEL PIPE AND TUBE-----	1,226		1,226		
3319 IRON AND STEEL PRODUCTS, NEC-----	526	73	453		
3321 NONFERROUS METALS, NEC-----	1,215		1,215		
3322 COPPER ALLOYS, UNWORKED-----	407	60	347		
3323 LEAD AND ZINC, UNWORKED-----	157		157		
3324 ALUMINUM AND ALLOYS, UNWORKED-----	623	42	581		
3411 FABRICATED METAL PRODUCTS-----	17,050	1,122	15,928		
3511 MACHINERY, EXCEPT ELECTRICAL-----	12,805	314	12,491		
3611 ELECTRICAL MACH AND EQUIP-----	17,784	971	16,813		
3711 MOTOR VEHICLES, PARTS, EQUIP-----	10,223	170	10,053		
3721 AIRCRAFT AND PARTS-----	21		21		
3731 SHIPS AND BOATS-----	2,260	394	1,866		
3791 MISC TRANSPORTATION EQUIPMENT-----	924		924		

Waterborne Commerce of the United States, 1986

MIAMI RIVER, FLA. (INCLUDED IN TRAFFIC OF
MIAMI HARBOR, FLA.)--CONTINUED

FREIGHT TRAFFIC, 1986--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC INTERNAL	
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS
3811 INSTR, TIME, PHOTO, OPT GOODS-----	9,242	28	9,214	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	2,437	326	2,111	-----	-----
4011 IRON AND STEEL SCRAP-----	3,806	-----	3,806	-----	-----
4012 NONFERROUS METAL SCRAP-----	237	138	99	-----	-----
4022 TEXTILE WASTE, SCRAP, SHEEP-----	4,313	-----	4,313	-----	-----
4024 PAPER WASTE AND SCRAP-----	3,062	-----	3,062	-----	-----
4112 COMMODITIES, NEC-----	17,415	1,073	16,342	-----	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	93	-----	93	-----	-----
TOTAL TON-MILES, 1,443,047.					

INTRACASTAL WATERWAY, MIAMI TO KEY WEST, FLA.

SECTION INCLUDED: TURNING BASIN AT MIAMI TO KEY WEST, 156 MILES. CONTROLLING DEPTH: 4.0 FEET FROM CAPE FLORIDA TO CROSS BANK, 55.6 MILES; THENCE TO KEY WEST, 5 FEET VIA NATURAL CHANNEL AMONG THE KEYS (THIS SECTION NOT CONSTRUCTED). PROJECT DEPTH: 7 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1977-----	728,253	1982-----	364,898
1978-----	753,110	1983-----	590,346
1979-----	705,313	1984-----	398,062
1980-----	686,875	1985-----	172,178
1981-----	569,208	1986-----	1,038,984

FREIGHT TRAFFIC, 1986

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	INBOUND	OUTBOUND
TOTAL-----	1,038,984	2	95	884,651	1,100	143,206	9,930
0105 RICE-----	50	-----	50	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	101	-----	-----	-----	-----	101	-----
0912 SHELLFISH, EXCEPT PREPARED-----	28	2	-----	-----	-----	26	-----
2095 ICE-----	9,930	-----	-----	-----	-----	-----	9,930
2915 RESIDUAL FUEL OIL-----	1,027,730	-----	-----	884,651	-----	143,079	-----
3411 FABRICATED METAL PRODUCTS-----	10	-----	10	-----	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	1,100	-----	-----	-----	1,100	-----	-----
3731 SHIPS AND BOATS-----	25	-----	25	-----	-----	-----	-----
4112 COMMODITIES, NEC-----	10	-----	10	-----	-----	-----	-----
TOTAL TON-MILES, 74,418,199.							

JACKSONVILLE, FL, DISTRICT

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OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT				
BAKERS HAUJOVER INLET, FLA.,-----				12,702
EAU GALLIE HARBOR, FLA.,-----	NO COMMENCE REPORTED			
PERNANDINA HARBOR, FLA.,-----	0103 CORN-----	3		
	0105 RICE-----	59		
	0101 FRESH AND FROZEN VEGETABLES-----	219		
	0101 ANIMALS AND PRODUCTS, NEC-----	9		
	0861 FOREST PRODUCTS, NEC-----	37		
	0911 FRESH FISH, EXCEPT SHELLFISH-----	5,163		
	0912 SHELLFISH, EXCEPT PREPARED-----	2,286		
	1411 LIMESTONE-----	12,003		
	1451 CLAY-----	19		
	2011 MEAT, FRESH, CHILLED, FROZEN-----	138		
	2031 FISH AND SHELLFISH, PREPARED-----	4		
	2034 VEGETABLES AND PREP, NEC-----	23		
	2039 PREP FRUIT AND VEG JUICE, NEC-----	69		
	2042 ANIMAL FEEDS-----	131		
	2049 GRAIN MILL PRODUCTS, NEC-----	129		
	2061 SUGAR-----	20		
	2061 ALCOHOLIC BEVERAGE-----	156		
	2091 VEGETABLE OILS, WDG, SHORT-----	28		
	2095 ICE-----	2,060		
	2099 MISCELLANEOUS FOOD PRODUCTS-----	80		
	2211 BASIC TEXTILE PRODUCTS-----	35		
	2411 LOGS-----	89		
	2421 LUMBER-----	605		
	2431 VENEER, PLYWOOD, WORKED WOOD-----	3		
	2491 WOOD MANUFACTURES, NEC-----	167		
	2511 FURNITURE AND FIXTURES-----	69		
	2631 PAPER AND PAPERBOARD-----	23		
	2691 PULP AND PAPER PRODUCTS, NEC-----	152		
	2711 PRINTED MATTER-----	2		
	2810 SODIUM HYDROXIDE-----	41,300		
	2819 BASIC CHEMICALS AND PROD, NEC-----	52		
	2821 PLASTIC MATERIALS-----	2		
	2831 DRUGS-----	6		
	2841 SOAP-----	84		
	2851 PAINTS-----	39		
	2872 POTASSIC CHEM FERTILIZERS-----	16		
	2876 INSECTICIDES, DISINFECTANTS-----	2		
	2879 FERTILIZER AND MATERIALS, NEC-----	3		
	2891 MISCELLANEOUS CHEMICAL PROD-----	96		
	2915 RESIDUAL FUEL OIL-----	78,174		
	2916 LUBRICATING OILS AND GREASES-----	6		
	2951 ASPHALT BUILDING MATERIALS-----	5		
	3011 RUBBER AND MISC PLASTIC PROD-----	69		
	3111 LEATHER AND LEATHER PRODUCTS-----	2		
	3211 GLASS AND GLASS PRODUCTS-----	7		
	3241 BUILDING CEMENT-----	69		
	3251 STRUCTURAL CLAY PRODUCTS-----	31		
	3291 MISC NONMETALLIC MINERAL PROD-----	10,794		
	3317 IRON AND STEEL PIPE AND TUBE-----	448		
	3324 ALUMINUM AND ALLOYS, UNWORKED-----	1		
	3411 FABRICATED METAL PRODUCTS-----	127		
	3511 MACHINERY, EXCEPT ELECTRICAL-----	442		
	3611 ELECTRICAL MACH AND EQUIP-----	18		
	3711 MOTOR VEHICLES, PARTS, EQUIP-----	3		
	3731 SHIPS AND BOATS-----	23		
	3791 MISC TRANSPORTATION EQUIPMENT-----	14		
	3811 INSTR, TIME, PHOTO, OPT GOODS-----	4		
	3911 MISC MANUFACTURED PRODUCTS-----	6		
	4112 COMMODITIES, NEC-----	101		
	9999 DEPARTMENT OF DEFENSE AND ACT-----	8		
	TOTAL-----	155,645		448
FORT PIERCE HARBOR, FLA.,-----	0103 CORN-----	10		
	0105 RICE-----	948		
	0107 WHEAT-----	12		
	0129 FIELD CROPS, NEC-----	1		
	0131 FRESH FRUITS-----	25,969		
	0141 FRESH AND FROZEN VEGETABLES-----	3,232		
	0191 MISCELLANEOUS FARM PRODUCTS-----	60		
	0861 FOREST PRODUCTS, NEC-----	23		
	0911 FRESH FISH, EXCEPT SHELLFISH-----	3		
	1411 LIMESTONE-----	3,074		
	1442 SAND, GRAVEL, CRUSHED ROCK-----	3,247		
	1451 CLAY-----	45,170		
	1499 NONMETALLIC MINERALS, NEC-----	20		
	2022 DRIED MILK AND CREAM-----	137		
	2031 FISH AND SHELLFISH, PREPARED-----	32		
	2034 VEGETABLES AND PREP, NEC-----	3		
	2039 PREP FRUIT AND VEG JUICE, NEC-----	2,407		
	2049 GRAIN MILL PRODUCTS, NEC-----	103		
	2095 ICE-----	708		
	2099 MISCELLANEOUS FOOD PRODUCTS-----	12		
	2211 BASIC TEXTILE PRODUCTS-----	2		
	2311 APPAREL-----	2		
	2421 LUMBER-----	143		
	2491 WOOD MANUFACTURES, NEC-----	9		
	2631 PAPER AND PAPERBOARD-----	7		
	2711 PRINTED MATTER-----	19		
	2819 BASIC CHEMICALS AND PROD, NEC-----	15		
	2831 DRUGS-----	6		
	2841 SOAP-----	30		
	2872 POTASSIC CHEM FERTILIZERS-----	1,306		
	2873 PHOSPHATIC CHEM FERTILIZERS-----	66		

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT--CONTINUED				
PORT PIERCE HARBOR, FLA. (CONTINUED)-----	2676 INSECTICIDES, DISINFECTANTS-----	18	-----	-----
	2918 ASPHALT, TAR, AND BITUMENS-----	1,655	-----	-----
	3011 RUBBER AND MISCELLANEOUS PLASTIC PROD-----	3	-----	-----
	3251 STRUCTURAL CLAY PRODUCTS-----	3	-----	-----
	3291 MISCELLANEOUS NONMETALLIC MINERAL PROD-----	6	-----	-----
	3316 IRON AND STEEL PLATES, SHEETS-----	1	-----	-----
	3317 IRON AND STEEL PIPE AND TUBE-----	15	-----	-----
	3411 FABRICATED METAL PRODUCTS-----	1	-----	-----
	3511 MACHINERY, EXCEPT ELECTRICAL-----	176	-----	-----
	3611 ELECTRICAL MACH AND EQUIP-----	6	-----	-----
	3711 MOTOR VEHICLES, PARTS, EQUIP-----	55	-----	-----
	3731 RAILROADS AND BOATS-----	3	-----	-----
	3791 MISCELLANEOUS TRANSPORTATION EQUIPMENT-----	10	-----	-----
	3911 MISCELLANEOUS MANUFACTURED PRODUCTS-----	38	-----	-----
	4112 COMMODITIES, NEC-----	100	-----	-----
	9998 DEPARTMENT OF DEFENSE AND ACT-----	3	-----	-----
	TOTAL-----	45,861	355,108	565
KEY WEST HARBOR, FLA.-----	0121 TOBACCO, LEAF-----	17	-----	-----
	0131 FRESH FRUITS-----	15	-----	-----
	0161 ANIMALS AND PRODUCTS, NEC-----	7	-----	-----
	0911 FRESH FISH, EXCEPT SHELLFISH-----	2,959	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	5,586	-----	-----
	2011 MEAT, FRESH, CHILLED, FROZEN-----	85	-----	-----
	2034 VEGETABLES AND PREP, NEC-----	25	-----	-----
	2039 PREP FRUIT AND VEG JUICE, NEC-----	6	-----	-----
	2041 VEGETABLE OILS, MARG, SHORT-----	19	-----	-----
	2095 ICE-----	20,463	-----	-----
	2099 MISCELLANEOUS FOOD PRODUCTS-----	23	-----	-----
	2311 APPAREL-----	11	-----	-----
	2421 LUMBER-----	6	-----	-----
	2491 WOOD MANUFACTURES, NEC-----	2	-----	-----
	2631 PAPER AND PAPERBOARD-----	7	-----	-----
	2841 SOAP-----	3	-----	-----
	2891 MISCELLANEOUS CHEMICAL PROD-----	2	-----	-----
	2914 DISTILLATE FUEL OIL-----	2,179	-----	-----
	2915 RESIDUAL FUEL OIL-----	154,972	-----	-----
	3011 RUBBER AND MISCELLANEOUS PLASTIC PROD-----	2	-----	-----
	3211 GLASS AND GLASS PRODUCTS-----	14	-----	-----
	3291 MISCELLANEOUS NONMETALLIC MINERAL PROD-----	2	-----	-----
	3511 MACHINERY, EXCEPT ELECTRICAL-----	825	-----	-----
	3611 ELECTRICAL MACH AND EQUIP-----	66	-----	-----
	3711 MOTOR VEHICLES, PARTS, EQUIP-----	5	-----	-----
	4112 COMMODITIES, NEC-----	86	-----	-----
	TOTAL-----	187,087	1,049,982	47,784
MELBOURNE HARBOR, FLA.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	202	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	1,684	-----	-----
	TOTAL-----	2,086	2,086	-----
NEW RIVER, FLA. (INCLUDED IN TRAFFIC OF PORT EVERGLADES HARBOR, FLA.)-----	-----	-----	-----	13,382
OKLAHOMA RIVER, FLA.-----	-----	-----	-----	1,460,046*
PONCE DE LEON INLET, FLA.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	351	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	282	-----	-----
	2095 ICE-----	485	-----	-----
	TOTAL-----	1,118	3,358	-----
RICE CREEK, FLA.-----	2915 RESIDUAL FUEL OIL-----	127,216	508,864	-----
ST. AUGUSTINE HARBOR, FLA.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	1,222	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	75	-----	-----
	2095 ICE-----	4,881	-----	-----
	TOTAL-----	6,178	46,557	37,050
ST. LUCIE INLET, FLA.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	1,975	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	2	-----	-----
	TOTAL-----	1,977	7,908	-----

* EXCURSION PASSENGERS CARRIED OVER SILVER SPRING RUN.

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SECTION INCLUDED: NORFOLK, VA., TO THE ST JOHNS RIVER, FLA., 739 MILES. FOR CONTROLLING AND PROJECT DEPTHS SEE TABLES OF INDIVIDUAL STRETCHES LISTED SEPARATELY.

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1977	4,803,739	106,328	1982	3,196,634	159,608
1978	5,094,836	149,387	1983	3,882,066	114,844
1979	5,066,145	97,020	1984	3,384,016	79,338
1980	3,990,144	83,920	1985	3,145,316	93,588
1981	4,166,209	143,125	1986	4,386,542	107,502

(SHORT TANS)

COMMODITY	TOTAL	DOMESTIC COASTWISE THROUGH	
		NORTHBOUND	SOUTHBOUND
TOTAL-----	3,515	2,773	742
3411 FABRICATED METAL PRODUCTS-----	340	340	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	1,092	350	742
3611 ELECTRICAL MACH. AND EQUIP-----	1,203	1,203	-----
3731 SHIPS AND BOATS-----	133	133	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	750	750	-----
TON-MILES, OCEANGOING, 2,452,180.			

(SHORT TONS)

[illegible]

TONS, ALL TRAFFIC,	4,386,542.
TON-MILES, ALL TRAFFIC,	369,550,618.

Section 2
TRIPS AND DRAFTS OF VESSELS

NEW ENGLAND DIVISION

NEW ENGLAND DIVISION

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
BUCKSPORT HARBOR, MAINE												
35 -	1	5				6						
34 -	1	1				2						
32 -		1				1						
31 -		1				2						
30 -	1	1			1	2	1					1
29 -		1				1						
28 -							2	2				
27 -		2				2		3			1	4
26 -		1			1	2		3				3
25 -		2			1	3		3				3
24 -		1				1		4				4
23 -		2				2						
22 -		1				1						
21 -					1	1		1				1
20 -					1	1		1				1
18 -												
17 -			2			2			2			2
16 -			4			4		8	4			12
15 -			2		2	4		5	2			7
14 -												
13 -			9			9		13	9			22
12 -			11		1	12			10			10
11 -		2	43			45			43			43
10 -		15				15						
9 -		4				4					1	1
8 -											1	1
7 -											2	2
6 -											2	2
5 -												
4 -												
3 -		3				3						
TOTAL -	3	43	71		6	123	3	43	70		7	123
PENDISCOT RIVER, MAINE												
24 -	3	16			19	38	4	15			4	23
23 -	1	2			1	4						
22 -	1	1			2	4		1		1		2
21 -					1	1	1			2		2
20 -					3	3	1	1				1
19 -					1	1						
18 -	1				1	2	2					2
17 -	1	2	4		1	8			4			5
16 -	2		6		3	25	1					4
15 -		14	4		3	29			4			7
14 -		25	4		29	58		1	5		1	7
13 -	1	33	50		4	88		1	57			58
12 -	1	18	45		30	114	2		51			53
11 -	1	10	45		30	114	2		51			53
10 -	16	12	77	1	23	199	8	92	71	1	111	283
9 -												
8 -												
7 -												
6 -												
5 -												
4 -												
3 -												
TOTAL -	27	123	206	1	118	475	19	111	192	1	117	440
SEARSPORT HARBOR, MAINE												
36 -		1				1						
35 -		4				4						
34 -		3				3						
33 -		1				1						
32 -	1	3				4		1				1
31 -	2	1				3						
30 -	2	1				3	1	1				1
29 -	3	2				5	2	1				3
28 -	3	3			1	7	3	1				4
27 -	3	3				6						
26 -	1	1				2	2	6				8
25 -	6	4				10	8	3				11
24 -	2	4			1	7	2	4				6
23 -	4	1				5	4	3				7
22 -	5	2				10	7	2	1			10
21 -	2			5	1	8	1	3				4
20 -			1	13	2	16		1				1
19 -	2					3	2	1				3
18 -	10	8	126		24	168	18	17	137	17	25	214
17 -												
16 -												
15 -												
14 -												
13 -												
12 -												
11 -												
10 -												
9 -												
8 -												
7 -												
6 -												
5 -												
4 -												
3 -												
TOTAL -	49	42	128	18	29	266	50	45	138	17	25	275
PORTLAND HARBOR, MAINE												
46 -	1	9				10						
45 -	3	2				5						
44 -	3	3				6						
43 -		1				1						
42 -	1	2				3						
41 -	2	1				3						
40 -	1	4				5						
39 -	1	1				2						
38 -	1	3				4	1					1
37 -		4				4		1				1
36 -		7				7						
35 -		13				13	2	2				4
34 -	1	6				7	1	1				2
33 -	1	2				3	2					2
32 -	1	9			2	12						
31 -	3	11			10	24		1				1
30 -	1	1			7	9	1	2				3
29 -		6			2	8	3	14				17
28 -	1	1			4	6	1	7				8
27 -	6	5			10	21	6	20				26
26 -	3	13			9	25	5	13			5	23

Waterborne Commerce of the United States, 1986

NEW ENGLAND DIVISION

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION						DIRECTION					
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL
PORTLAND HARBOR, MAINE--(CONTINUED)												
				INBOUND						OUTBOUND		
25 -	1	5			30	36	2	13			7	22
24 -	1	2			17	20	2	7			3	12
23 -	2				6	8	1	7			8	16
22 -	2		24		15	41	2	4	24		4	34
21 -	2			1	6	9	3	6			2	13
20 -	3	1		8	11	23	2	9			7	18
19 -	2				10	12	5	2			1	8
18 AND LESS -	4,945	128	439	1	155	5,618	4,881	140	440	9	225	5,695
TOTAL -	4,938	201	463	10	294	5,946	4,920	251	464	9	262	5,906
PORTSMOUTH HARBOR, N. H.												
				INBOUND						OUTBOUND		
37 -	3	3				6	2					2
36 -		11				11	3	1				4
35 -	1	10				11		2				2
34 -	3	10				13	2	1				3
33 -	3	9				12	1	4				5
32 -	3	6				9	2	2				4
31 -	7	7			1	15	1	4		1		6
30 -	0	3				7		2				2
29 -		3			3	6	1	2				3
28 -	1	2			1	4	1	2				3
27 -	3	4		1	3	11	4	9				13
26 -		10		1	3	14	3	10				13
25 -	2	5			6	13	2	16			1	19
24 -		5			5	10	4	8				12
23 -	2	2			6	10	6	10				16
22 -	2	2	20	2	7	31	2	6	20		1	29
21 -	2	1		3	1	7	2	3			2	7
20 -	3	1		1	5	10	1	8			2	11
19 -				1	6	7		3			1	4
18 AND LESS -	539	21	124	6	57	747	532	37	135	15	99	818
TOTAL -	576	115	144	15	104	954	569	130	155	16	106	976
SALEM HARBOR, MASS.												
				INBOUND						OUTBOUND		
29 -	24	22			3	49		1				1
28 -								3				3
27 -		2			2	4		3				3
26 -		2				2	2	3				5
25 -								4				4
24 -					3	3	23	5			1	29
23 -		1			1	2		1				2
22 -								1				1
21 -					1	1		1			1	2
20 -					8	15		2	4		13	19
18 AND LESS -		1	6									
TOTAL -	24	28	6		18	76	25	29	4		15	73
PORT OF BOSTON, MASS.												
				INBOUND						OUTBOUND		
40 -	2	9				11		1				1
39 -	2	7				9	2	1				3
38 -	2	18				20		4				4
37 -	3	29				32	1	1				2
36 -	4	59			2	65	12	2				14
35 -		48			1	49	4	3				7
34 -	3	28			1	32	1	3				4
33 -	16	27				43	17	1				18
32 -	14	10			6	30	15	7				22
31 -	6	12			17	35	4	5				9
30 -	35	11			7	93	38	2			5	45
29 -	22	7			4	33	15	6			1	22
28 -	23	11			13	47	19	17			5	41
27 -	34	9		6	19	60	19	6			5	30
26 -	43	10		2	18	73	27	26	1		4	58
25 -	27	19		3	71	120	25	31			3	59
24 -	17	11		1	38	67	17	163			14	194
23 -	36	15		1	23	75	56	16			2	74
22 -	18	1	36	6	30	91	14	8	36	1	17	76
21 -	11	1		2	28	42	7	9			7	23
20 -	17			4	22	44	17	14			13	44
19 -	25	1		6	67	99	29	7	2	1	9	48
18 AND LESS -	4,157	224	1,359	112	358	6,210	4,174	221	1,357	126	640	6,518
TOTAL -	4,517	567	1,396	143	725	7,348	4,513	554	1,396	128	725	7,316
MAIN WATERFRONT (PORT OF BOSTON)												
				INBOUND						OUTBOUND		
40 -	2	9				11		1				1
39 -	2	7				9	2	1				3
38 -	2	18				20		4				4
37 -	3	29				31	1	1				2
36 -	4	56			2	62	12	1				13
35 -		42			1	44	4	3				7
34 -	3	22	1		1	26	1	3				4
33 -	16	25				41	17	1				18
32 -	12	7			6	25	15	3				18
31 -	6	11			17	34	4	5				9
30 -	35	6			7	48	38	2			5	45
29 -	22	8			4	34	15	4			1	20

NEW ENGLAND DIVISION

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION						DIRECTION						
	DRAFT (FEET)	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL
		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
MAIN WATERFRONT (PORT OF BOSTON)--(CONTINUED)													
28	23	9			11	43	19	15				5	39
27	34	7			6	61	19	5				5	29
26	43	8			2	16	69	27	20	1		4	52
25	27	16			3	69	115	23	31			1	55
24	17	6			1	34	60	17	140			11	168
23	36	12			1	18	67	56	14			2	72
22	19			34	6	22	80	14	7	36	1	15	73
21	11				2	26	39	7	10			3	20
20	17			1	4	15	37	17	12			14	43
19	25	2			6	59	92	29	6			9	45
18 AND LESS	4,152	185	1,184		111	358	5,995	4,174	184	1,327	122	501	6,398
TOTAL	4,510	486	1,225		142	680	7,043	4,511	473	1,364	124	576	7,048
CHELSEA RIVER, MASS.													
36	2	57			2	61	1	2					3
35		12			1	33		2					2
34		15			1	16		2					2
33	1	13				14							
32	1	6			6	13		1					1
31	1	4			16	25		2					2
30	1	2			6	9		2				4	6
29		7			4	11							
28	4	4			5	18		13				4	17
27	4	5			14	23	1	5				7	13
26	11	6			12	31	3	16	1			3	23
25	8	12			24	44	2	26				1	29
24	1	7			26	34	2	77				16	95
23	4	8			15	27	5	9				2	16
22	1			34	20	55	1	4	35			15	55
21	1				22	23	1	6				4	11
20					18	18	4	10				12	26
19	2	1			6	9	5	6				6	17
18 AND LESS		144	516		2	377	991	16	151	516	2	446	1,131
TOTAL	42	334	552		2	525	1,455	41	334	552	2	520	1,449
MYSTIC RIVER, MASS.													
35	1	21				22	12	4					16
34	1					3		1					1
33		2				2	2						2
32							2						2
31	2	2			1	5		2					2
30	1	1			1	3							
29	1					1	1	2					3
28		1			6	7		1					1
27	3	1			1	11	2						2
26	4				2	9	2	3					5
25	4				3	41	2	2					4
24	2				1	8	11	7					10
23	8	1			1	4	5	1			1		6
22	4				6	5	3	1			1	1	6
21	1				2	4	1					2	3
20	8			1	4	13	5	2					7
19	14				6	9	13				1	2	16
18 AND LESS	10	15	383		89	33	530	22	23	385	116	109	657
TOTAL	67	46	384		120	116	733	74	49	385	120	115	743
KEYMOUTH FORD RIVER, MASS.													
37		1				1							
36		3				3		1					1
35		6				6							
34		5				5							
33		2				2							
32	2	4				6		4					4
31	1	1				1							
30		5				5							
29								2					2
28		2			2	4		1					1
27		2			3	5		1				1	2
26		2			2	4		2				1	3
25		3			2	5	2					2	4
24		2			2	4		23				2	25
23		3			5	8		2				1	3
22		1			6	7		2				1	3
21		1			2	3		1				1	2
20					5	5		1				3	4
19					6	6		1	2			3	6
18 AND LESS	306	44	115		2	91	558	303	53	130	2	111	599
TOTAL	308	87	115		2	126	638	305	94	132	2	126	659
CAPE COD CANAL, MASS.													
36									26	1			27
35									1				1
34													1
33													
32					12	12						1	
31		1			31	32	2	3				1	6
30	2	1			11	14	1	2				1	4

NEW ENGLAND DIVISION

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY				DIRECTION			DIRECTION					
DRAFT (FEET)	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
CAPE COD CANAL, MASS.--(CONTINUED)												
29	1		1	EASTBOUND		17	6	2	1	WESTBOUND		1
28	6	2	1	1	23	33	11	11	1		1	24
27	9	0	2	6	39	64	21	16	1		2	40
26	12	5		3	39	59	19	16			4	39
25	14	7		5	65	89	23	10	3		6	42
24	10	5		1	69	85	26	9			2	37
23	9	6	6	1	46	70	22	5	4		6	37
22	16	1	93	5	47	162	13	2	83	1	7	106
21	21	3	11	6	37	78	11	3	18		10	42
20	19		23	17	41	100	13	2	17		7	39
19	15	2	13	8	39	77	9		14	1	4	28
18 AND LESS	132	129	1,619	288	487	2,655	127	141	1,630	316	973	3,209
TOTAL	266	170	1,769	339	1,005	3,549	304	249	1,773	318	1,026	3,690
NEW BEDFORD AND FAIRHAVEN HARBOR, MASS.												
29		1		INBOUND		1				OUTBOUND		
28						2		1				
27	1				6	7						
26	5				3	8	2				1	
25	1					1					3	
24	1				3	4	3					
23					1	1					1	
22	9				3	12	7					
21	4				1	5	2				1	
20	3				4	7	5				2	
19	7					7	6				1	
18	0	1				5	1					
17	1	1	2	1	1	6			4		2	
16	4	1			5	10	2					
15	3	3	4		3	13	4		2		1	
14	1	2	49		1	53	1		51		4	56
13	6				1	7	6					
12 AND LESS	5,420	283	727	4	879	7,313	5,451	247	730	4	897	7,369
TOTAL	5,470	292	762	5	912	7,461	5,495	288	747	4	913	7,487
FALL RIVER HARBOR, MASS.												
34	57	26		INBOUND		77				OUTBOUND		
33		4				4		1				
32		2				2						
31		3				3						
30	1					1		1				
29					1	1		2				
28	1				10	11	1	3				
27				10	12	22		2				
26	5	3		10	2	20		4			5	
25	1	3			3	7	3	5			3	
24		2			5	7	60	8			1	
23		2			2	4	1	10				
22	8	3			10	21		2			1	
21	3	1			11	15	2	2			1	
20					8	8	2	4			4	
19					12	12					11	
18 AND LESS	114	60	959	9	199	1,341	114	58	960	29	244	1,405
TOTAL	190	103	959	29	275	1,556	190	102	960	29	268	1,549
PROVIDENCE RIVER AND HARBOR, R. I.												
39		1		INBOUND		1				OUTBOUND		
38		4				4						
37		9				9	1	1				
36	5	17				22		3				
35	4	8				12	5	2				
34	3	6				9	6	2				
33	3	9				12	11	3				
32	6	6				13	7	1				
31	5	8				16	6	6				
30	11	6				22	6	8				
29	11	6				24	11	6			3	
28	9	3				23	7	7			2	
27	16	9				34	11	9			3	
26	14	12				33	12	11			8	
25	20	9				59	12	16			4	
24	16	10				43	17	19			4	
23	21	7				39	13	14		1	1	
22	12	3	4			19	16	8	4		7	
21	10	3				18	14	4			2	
20	8		1	1	15	25	13	7	1		5	
19	6	2	2		19	29	9	3	3			
18 AND LESS	170	101	1,024	100	385	1,760	179	109	1,049	96	513	1,948
TOTAL	350	241	1,031	101	555	2,278	349	239	1,057	100	552	2,297
NEWPORT HARBOR, R. I.												
22	31	22		INBOUND		53	30	20		OUTBOUND		50
21							2	1				
20		1				1						
18	1		4			5			6			

NEW ENGLAND DIVISION

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION						DIRECTION					
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL
NEWPORT HARBOR, R. I.--(CONTINUED)												
13 -			11			11			10			10
12 AND LESS -	4,719		b		2	4,727	4,719		5		1	4,725
TOTAL -	4,751	23	21		2	4,797	4,751	21	23		1	4,796
NEW LONDON HARBOR, CONN.												
36 -		1				1						
33 -		2				2						
32 -	1					1						
29 -	1	1				2						
28 -	1					1						
27 -	5					5	2					2
26 -	5	2				7	3					3
25 -	5	1				6	2					2
24 -	5					5	5	1				6
23 -	5					5	8	1				9
22 -	4	3				7	4	4				8
21 -		1				1	3					3
20 -	3	1			4	8	3	2				5
19 -	1				2	3	2	1	2			5
18 AND LESS -	5,756	12	83	4	143	5,998	5,712	15	95	51	143	6,016
TOTAL -	5,792	24	85	4	149	6,054	5,744	24	97	51	143	6,059
THAMES RIVER, CONN.												
18 -						1						
17 -			2			2						
16 -			2			2						
15 -		1	2			3			6			6
14 -		3	2			5						
13 -		2				2			2			2
12 AND LESS -	7	b	25		36	72	7	12	26		81	126
TOTAL -	7	12	33		83	135	7	12	34		81	134
CONNECTICUT RIVER BELOW HARTFORD, CONN.												
30 -						1						
18 -						1						
17 -		1				1					1	1
16 -		1	b			2			7			7
15 -		b	b			3			2			2
14 -		3				3						
13 -		49	10			61			11			11
12 -		45	55		276	418			55			55
11 -		23	55		35	113			55			55
10 -		8	100		22	130			100			102
9 -		1	7		13	21		2	3	17		104
8 -			4		7	12		84	3		1	88
7 -	74		13		8	95	73	7	13			93
6 AND LESS -	13,244		11,057	11,070	8	35,371	13,244		11,064	11,057	391	35,756
TOTAL -	15,319	171	11,313	11,070	394	36,267	13,319	171	11,313	11,074	393	36,270
NEW HAVEN HARBOR, CONN.												
37 -								1				1
36 -	2	42				44	3	1				4
35 -	3	15				18	3	2				5
34 -	5	16				21	3	5				8
33 -	1	11				12	2	3				5
32 -	6	9				15	2	5				7
31 -	7	8			2	17	4	1				5
30 -	9	7			2	18	6	8			1	15
29 -	8	6			1	15	7	4				11
28 -	20	3			6	29	14	10			2	26
27 -	19				9	27	6	5			1	12
26 -	21	1			6	28	21	18			3	42
25 -	14				63	78	17	16				33
24 -	18	5			13	36	13	21			2	30
23 -	13	9			12	34	18	9			3	30
22 -	12	3	5		16	36	18	9	5		1	33
21 -	15	2			10	31	15	6			4	25
20 -	4	3	1		11	19	14	8			6	29
19 -	6	1	3		33	43	10	2	1		3	16
18 AND LESS -	331	277	1,461	66	705	2,840	337	238	1,462	53	834	2,924
TOTAL -	514	421	1,470	66	894	3,365	513	372	1,469	53	860	3,267
HOUSATONIC RIVER, CONN.												
16 -						59						
14 -						1						
12 -			2			2			2			2
10 -			2			2			2			2
9 -			1			1						
6 AND LESS -									2		58	60
TOTAL -			5		60	65			6		58	64

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NEW ENGLAND DIVISION

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
BRIDGEPORT HARBOR, CONN.												
33 - - - - -	8	16				18		1				1
32 - - - - -	10	2				12	3					3
31 - - - - -	10					10	4					4
30 - - - - -	7	1			1	9	2					2
29 - - - - -	9					9	5					5
28 - - - - -	9	1			2	12	12					12
27 - - - - -	11				2	13	10					11
26 - - - - -	4	1		1	1	7	10	1				11
25 - - - - -	16				2	18	11					15
24 - - - - -	5				2	10	9	2				11
23 - - - - -	15				3	18	10	2				12
22 - - - - -	9				2	11	13					13
21 - - - - -	8				2	10	12					12
20 - - - - -	6				3	9	7	2				9
19 - - - - -	8		2		2	12	12	1	2		1	16
18 AND LESS - - - - -	3,829	165	631	85	228	4,938	3,844	158	631	85	249	4,967
TOTAL - - - - -	3,967	180	633	86	250	5,116	3,964	172	633	85	250	5,104
YORWALK HARBOR, CONN.												
16 - - - - -					66	66						
14 - - - - -		1	1			2			1		1	2
13 - - - - -		3	10		1	14			10			10
12 - - - - -		21		4	1	26						
11 - - - - -		7	20	35	17	79			20			20
10 - - - - -			82	22	24	128			82			82
9 - - - - -			60	13	3	76			60			60
8 - - - - -			2	1		3		27	2			29
7 - - - - -			2		1	3		1	2			3
6 AND LESS - - - - -	1,679		4			1,683	1,077	3	5	74	103	1,262
TOTAL - - - - -	1,679	32	181	75	113	1,980	1,077	31	182	74	104	1,468
STANFORD HARBOR, CONN.												
16 - - - - -			4		4	8			2			2
15 - - - - -		1	14		1	16			12			12
14 - - - - -		4	8		8	20			4			4
13 - - - - -		3	23		26	54			27		3	30
12 AND LESS - - - - -		10	484	180	85	719		17	447	179	111	754
TOTAL - - - - -		16	493	180	126	817		17	492	179	114	802
ANDREWS RIVER, MASS.				NO VESSEL TRIPS REPORTED								
ANNISQUAM RIVER, MASS.				NO VESSEL TRIPS REPORTED								
APPONAUG COVE, R. I.				NO VESSEL TRIPS REPORTED								
BAR HARBOR, MAINE												
TOTAL, 12 AND LESS - - - - -	770					770	767					767
BASS HARBOR, MAINE												
TOTAL, 8 AND LESS - - - - -	3,112					3,112	3,112					3,112
BEALS HARBOR, MAINE				NO VESSEL TRIPS REPORTED								
BELFAST HARBOR, MAINE												
TOTAL, 14 AND LESS - - - - -	33		61			94	32		65			97
BEVERLY HARBOR, MASS.												
TOTAL, 12 AND LESS - - - - -	301					301	300					300
BOOTHBAY HARBOR, MAINE												
TOTAL, 13 AND LESS - - - - -	2,381		5			2,386	2,381		5			2,386
BRANFORD HARBOR, CONN.				NO VESSEL TRIPS REPORTED								
BRISTOL HARBOR, R. I.												
TOTAL, 6 AND LESS - - - - -	681					681	681					681
BUNKER HARBOR, MAINE				NO VESSEL TRIPS REPORTED								
CAMDEN HARBOR, MAINE												
TOTAL, 13 AND LESS - - - - -	21					21	21					21
CANAPITSIT CHANNEL, MASS.												
TOTAL, 6 AND LESS - - - - -	15					15	13					13

NEW ENGLAND DIVISION

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS	
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER
CAPE PORPOISE HARBOR, MAINE TOTAL, 6 AND LESS - - - - -			1	INBOUND				1	OUTBOUND	
CARVERS HARBOR, MAINE TOTAL, 11 AND LESS - - - - -	1,902	33		INBOUND		1,935	1,902	27	OUTBOUND	
CHATHAM (STAGE) HARBOR, MASS. TOTAL, 9 AND LESS - - - - -	7,974			INBOUND		7,974	7,972		OUTBOUND	
CLINTON HARBOR, CONN.				NO VESSEL TRIPS REPORTED						
COBSCOOK BAY, MAINE				NO VESSEL TRIPS REPORTED						
CONASSET HARBOR, MASS.				NO VESSEL TRIPS REPORTED						
COREA HARBOR, MAINE TOTAL, 4 AND LESS - - - - -	188			INBOUND		188	188		OUTBOUND	
CRIMHAVEN HARBOR, MAINE				NO VESSEL TRIPS REPORTED						
CROSS RIP SHOALS, NANTUCKET SOUND, MASS. TOTAL, 14 AND LESS - - - - -	318	13	2	EASTBOUND	2	335	325	3	WESTBOUND	1
CUTTYMUNK HARBOR, MASS. TOTAL, 8 AND LESS - - - - -	234		2	INBOUND	1	237	234	2	OUTBOUND	1
DAMARISCOTTA RIVER, MAINE TOTAL, 8 AND LESS - - - - -			1	UPBOUND		1		1	DOWNBOUND	
DEER ISLAND THROUGHFARE, MAINE TOTAL, 11 AND LESS - - - - -	1	3		EASTBOUND		4		3	WESTBOUND	
DORCHESTER BAY, MASS.				NO VESSEL TRIPS REPORTED						
DUXBURY HARBOR, MASS. TOTAL, 12 AND LESS - - - - -			3	INBOUND	1	4		3	OUTBOUND	1
EASTPORT HARBOR, MAINE TOTAL, 35 AND LESS - - - - -	1,188			INBOUND		1,188	1,136		OUTBOUND	
EDGARTOWN HARBOR, MASS. TOTAL, 6 AND LESS - - - - -	21,235			INBOUND		21,235	21,235		OUTBOUND	
ESSEX RIVER, MASS.				NO VESSEL TRIPS REPORTED						
FALMOUTH HARBOR, MASS. TOTAL, 6 AND LESS - - - - -	2,244			INBOUND		2,244	2,244		OUTBOUND	
FIVEMILE RIVER HARBOR, CONN.				NO VESSEL TRIPS REPORTED						
FORT POINT CHANNEL, MASS.				NO VESSEL TRIPS REPORTED						
GLOUCESTER HARBOR, MASS. TOTAL, 25 AND LESS - - - - -	14,077	280	1	INBOUND		14,358	14,058	279	OUTBOUND	1
GREAT SALT POND, BLOCK ISLAND, R. I. TOTAL, 11 AND LESS - - - - -		28		INBOUND		28		22	OUTBOUND	
GREEN HARBOR, MASS. TOTAL, 4 AND LESS - - - - -	211			INBOUND		211	211		OUTBOUND	
GREENWICH BAY, R. I.				NO VESSEL TRIPS REPORTED						
GREENWICH HARBOR, CONN. TOTAL, 7 AND LESS - - - - -	1,972		2	INBOUND	2	1,976	1,974	2	OUTBOUND	2
GUILFORD HARBOR, CONN.				NO VESSEL TRIPS REPORTED						

Waterborne Commerce of the United States, 1986

NEW ENGLAND DIVISION

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
DRAFT (FEET)												
HAMPTON HARBOR, N. H. TOTAL, 9 AND LESS - - - - -	92				INBOUND	92	92				OUTBOUND	92
HARBOR OF REFUGE AT SANDY BAY, CAPE ANN, MASS. TOTAL, 3 AND LESS - - - - -	140				INBOUND	140	140				OUTBOUND	140
HARBOR OF REFUGE, BLOCK ISLAND, R. I. TOTAL, 12 AND LESS - - - - -	3,123	11			INBOUND	3,134	3,123	9			OUTBOUND	3,132
HARBOR OF REFUGE, NANTUCKET, MASS. TOTAL, 14 AND LESS - - - - -	1,443	14	3		INBOUND 5	1,465	1,442	10	3		OUTBOUND 5	1,460
HARBOR OF REFUGE, POINT JUDITH AND POINT JUDITH POND, R. I. TOTAL, 16 AND LESS - - - - -	12,355		4		INBOUND	12,359	12,354		4		OUTBOUND	12,358
HARRASECKET RIVER, MAINE					NO VESSEL TRIPS REPORTED							
HAY (WEST) HARBOR, N. Y. TOTAL, 9 AND LESS - - - - -	1,648	13	7	31	INBOUND	1,699	1,649	10	6	29	OUTBOUND	1,694
HENDRICKS HARBOR, MAINE TOTAL, 12 AND LESS - - - - -			19		INBOUND	19			23		OUTBOUND	23
HINGHAM HARBOR, MASS. TOTAL, 12 AND LESS - - - - -			1		INBOUND	1			1		OUTBOUND	1
HYANNIS HARBOR, MASS. TOTAL, 11 AND LESS - - - - -	4,714				INBOUND	4,714	4,714				OUTBOUND	4,714
IPSWICH RIVER, MASS.					NO VESSEL TRIPS REPORTED							
ISLE AU HAUT THOROUGHFARE, MAINE TOTAL, 9 AND LESS - - - - -	912	5			NORTHBOUND	917	912	5			SOUTHBOUND	917
ISLE OF SHOALS HARBOR, ME. AND N. H. TOTAL, 4 AND LESS - - - - -	92				INBOUND	92	92				OUTBOUND	92
JOSIAS RIVER, MAINE					NO VESSEL TRIPS REPORTED							
KENNEBEC RIVER, MAINE TOTAL, 14 AND LESS - - - - -	21		77		UPBOUND	98	25		77		DOWNBOUND	102
KENNEBUNK RIVER, MAINE TOTAL, 8 AND LESS - - - - -			26		UPBOUND	26			25		DOWNBOUND	25
LAGOON POND, MARTHA S VINEYARD, MASS. TOTAL, 4 AND LESS - - - - -			1		INBOUND 2	3			1		OUTBOUND 2	3
LUBEC CHANNEL, MAINE TOTAL, 7 AND LESS - - - - -	40				NORTHBOUND	40	40				SOUTHBOUND	40
LYNN HARBOR, MASS. TOTAL, 11 AND LESS - - - - -			1		INBOUND 1	3			1		OUTBOUND 1	3
MACHIAS RIVER, MAINE					NO VESSEL TRIPS REPORTED							
MALDEN RIVER, MASS.					NO VESSEL TRIPS REPORTED							
MANCHESTER HARBOR, MASS.					NO VESSEL TRIPS REPORTED							
MARBLEHEAD HARBOR, MASS. TOTAL, 6 AND LESS - - - - -	1				INBOUND	1					OUTBOUND	
MATINICUS HARBOR, MAINE TOTAL, 11 AND LESS - - - - -	74	9			INBOUND	83	74	9			OUTBOUND	83
MATTAPONSETT HARBOR, MASS. TOTAL, 4 AND LESS - - - - -			1		INBOUND 1	2			1		OUTBOUND 1	2

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION						DIRECTION					
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL
WENEUSHA CREEK, MARINA & VINEYARD, MASS.				NO VESSEL TRIPS REPORTED								
WILFORD HARBOR, CONN. TOTAL, 9 AND LESS			5	INBOUND 5		10			5	OUTBOUND 5		10
WOOSABEC BAY, MAINE				NO VESSEL TRIPS REPORTED								
MYSTIC RIVER, CONN. TOTAL, 9 AND LESS	981		1	UPBOUND 1		983	982			DOWNBOUND		982
NAHAGUAGUS RIVER, MAINE TOTAL, 8 AND LESS	14			UPBOUND		14	14			DOWNBOUND		14
NEPONSET RIVER, MASS.				NO VESSEL TRIPS REPORTED								
NEW HARBOR, MAINE TOTAL, 6 AND LESS	65			INBOUND		65	65			OUTBOUND		65
NEWBURYPORT HARBOR, MASS. TOTAL, 5 AND LESS	1,627			INBOUND		1,627	1,627			OUTBOUND		1,627
NIANTIC BAY AND HARBOR, CONN. TOTAL, 9 AND LESS	485		14	INBOUND 14	3	516	485		15	OUTBOUND 15	3	518
NORTHEAST HARBOR, MAINE TOTAL, 6 AND LESS	106			INBOUND		106	107			OUTBOUND		107
ONLS HEAD HARBOR, MAINE				NO VESSEL TRIPS REPORTED								
PATCHOGUE RIVER, CONN.				NO VESSEL TRIPS REPORTED								
PANCAUUCK RIVER, N. I. AND CONN.				NO VESSEL TRIPS REPORTED								
PIG ISLAND GUT, MAINE				NO VESSEL TRIPS REPORTED								
PLEASANT BAY, MASS.				NO VESSEL TRIPS REPORTED								
PLEASANT RIVER, MAINE				NO VESSEL TRIPS REPORTED								
PLYMOUTH HARBOR, MASS. TOTAL, 22 AND LESS	866	2	1	INBOUND		869	863	1	1	OUTBOUND		865
PROVINCETOWN HARBOR, MASS. TOTAL, 12 AND LESS	3,685		2	INBOUND		3,687	3,684		2	OUTBOUND		3,686
RED BROOK HARBOR, BOURNE, MASS.				NO VESSEL TRIPS REPORTED								
ROCKLAND HARBOR, MAINE TOTAL, 16 AND LESS	3,528	41		INBOUND		3,569	3,527	48		OUTBOUND		3,575
ROCKPORT HARBOR, MAINE				NO VESSEL TRIPS REPORTED								
ROCKPORT HARBOR, MASS. TOTAL, 6 AND LESS	140			INBOUND		140	140			OUTBOUND		140
ROYAL RIVER, MAINE TOTAL, 12 AND LESS			2	UPBOUND		2			2	DOWNBOUND		2
RYE HARBOR, NEW HAMPSHIRE				NO VESSEL TRIPS REPORTED								
SACO RIVER, MAINE TOTAL, 6 AND LESS			1	UPBOUND		1			1	DOWNBOUND		1
SAKONNET RIVER AND HARBOR, R. I.				NO VESSEL TRIPS REPORTED								
SCARBORO RIVER, MAINE				NO VESSEL TRIPS REPORTED								

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO		TANKER	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	
EAST CHESTER CREEK, N. Y.												
21					1	1						
15				1b	1	19			20			20
14				b		8			8			8
13				19	4b	641	606	1	22			685
12				23	1	188			23			185
11				83	57	372			81			323
10				24	56	355			26			297
9				121	37	174			4	112	9	161
8				180	1b	329			164	128	17	330
7				14	14	48			8	10	16	36
6 AND LESS				79	144	247			60	4	84	368
TOTAL		607	553	749	120	2,442	606	533	734	120	421	2,414
BRONX RIVER, N. Y.												
15				b		8			10			10
13				2		2			2			2
12				3	7	10			3	7		10
11				37	65	102			37	14		51
10				86	70	156			75	22		97
9				119	25	144			118	2		120
8				19	28	47			19	20		39
7				25		295			24			294
6 AND LESS		270		43		3,085	270			173		3,215
TOTAL		3,042		301	238	3,851	3,042		288	238		3,858
FLUSHING BAY AND CREEK, N. Y.												
16				2b	3	67			20	3	4	35
15				3	48	56			3	2	48	59
14				1	12	102			43		12	105
13				2	30	208			2	178	30	210
12				6	35	114			2	80	34	116
11				19	3	174			18	74	4	96
10				4	2	866			5	231	3	847
9				216	7	278			5	156	6	167
8				19	1	39			20	46	1	67
7				2	3	52			3	31	2	36
6 AND LESS				11	101	726			8		99	968
TOTAL			64	921	1,474	2,702		63	920	1,474	243	2,700
HARLEM RIVER, N. Y.												
18					2	2					1	1
15					34	34					33	33
14					15	15					15	15
13					1	1						
12 AND LESS					74	1	1,193	66	591	292	59	2,201
TOTAL		1,194	79	730	426	2,503	1,193	66	591	292	108	2,250
HUDSON RIVER, N. Y. (LOWER SECTION)												
36				2		2						1
35				1		1			2			2
34				2		2			2			2
33				1		1			1			1
32				5		5			3			3
31				1		1			1			1
30									1			1
29				2		11			2			2
28				3		3			3			3
27				1		1			2			2
26				1		1			1			1
25				2		2			3			3
24				1		1			1			1
23				1		1						
21												
20				1	7	6			1		31	31
18 AND LESS				1	202	656	2	29	366	13	161	571
TOTAL		27	37	423	13	702	27	29	366	13	192	627
HUDSON RIVER CHANNEL, N. Y. AND N. J.												
46				1		1						1
41				1		1			1			1
40				4		4			6			6
39				2		2			1			1
38				9		9			4			4
37				19		19			14			14
36				7		7			7			7
35				16		16			13			13
34				19		19			20			20
33				14		14			14			14
32				38		38			36			36
31				34		34			16			16
30				95		95			85			85
29				48		48			48			48
28				52		52			53			53

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NEW YORK, NY, DISTRICT

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION						DIRECTION					
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL
HUDSON RIVER CHANNEL, N. Y. AND N. J.	(CONTINUED)			INBOUND						OUTBOUND		
27	62					62	72					72
26	17					17	24					24
25	16					16	18					18
24	31					31	32					32
23	3					3	2					2
22	10		1			11	10		1			11
21	1					1	1		1			2
20						1	1					1
19						2			1			1
18 AND LESS	1,232	233	3,564	1,771	216	13,613	7,230	213	3,436	1,710	222	12,811
TOTAL	7,733	233	3,564	1,771	217	13,518	7,713	214	3,439	1,710	222	13,298
EAST RIVER, N. Y.				INBOUND						OUTBOUND		
49							1					1
46							1					1
45	1	1				2	2	5				7
44							1	1				1
42							1	1				2
41	1	1				2						
40	2	4				6	6	5				11
39	1	1				2	1	1				1
38	2	2				4	3	2				5
37	1	2				3						
36	6	1				7	7	2				9
35	8	1				9	6	1				7
34	9					9	7	1				8
33	5					5	2					2
32	24	3				27	22			1		23
31	6	1		2		11	6	1		1		10
30	6	2		2		10	4	3				7
29	4			4		8	3			1		4
28	17			4		21	25			5		30
27	25			1	10	36	18	1		7		26
26	16			1	21	38	11	4		10		26
25	23			1	20	44	6			12		20
24	18			1	4	23	16	1		1		18
23	13			1	4	18	6			4		10
22	10				3	13	8			1		15
21	3				4	7	4			14		23
20	5	1	3		6	9	4		9	6		19
19	5				10	16	3		1	10		14
18 AND LESS	10,613	675	4,379	1,776	949	24,392	16,606	672	4,297	1,777	979	24,333
TOTAL	16,626	695	4,383	1,781	1,041	24,776	16,784	701	4,307	1,779	1,062	24,633
NEWTOWN CREEK, N. Y.				INBOUND						OUTBOUND		
17			11		1	12		9		8		19
16			14			14	1	88		1		50
15		3	70	76		149	2	76	78	2		158
14		27	81		4	112	35	87		4		126
13		26	62		60	150	33	63		61		157
12 AND LESS		389	1,322	1,391	501	3,603	375	1,277	1,388	490		3,530
TOTAL		447	1,560	1,467	566	4,040	447	1,560	1,467	566		4,040
BUTTERMILK CHANNEL, N. Y.				INBOUND						OUTBOUND		
37	6					6	2					2
36							2					2
35	5					5	4					4
34	8					8	6					6
33	4					4	5					5
32	14					14	13					13
31	5					5	3					3
30	10					10	9					9
29	3					3	6					6
28	12					12	9					9
27	11					11	13					13
26	18			1		19	15					15
25	6					6	8					8
24	5					5	7					7
23	6			1		7	6					6
22	6					6	5					5
21	5					5	5					5
20	2		2			4	2		5			7
19	1		2		2	5	4					4
18 AND LESS	71	100	1,915	17	169	2,272	66	110	1,914	14	174	2,278
TOTAL	198	100	1,919	17	173	2,407	192	110	1,919	14	174	2,409
BAY RIDGE AND RED HOOK CHANNELS, N. Y.				INBOUND						OUTBOUND		
45		1				1		1				1
42	2					2						1
41							1					1
39	2					2	1					4
38	3					3	4					3
37	5					5	3					5
36	10					10	11					11
35	4					4	5					5
34	23					23	22					22

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION						DIRECTION					
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL
BAY RIDGE AND RED HOOK CHANNELS, N. Y. (CONTINUED)												
33						19						
32						50						20
31						18						20
30						17						16
29						16						12
28						22						25
27						13						30
26						14						21
25						21						27
24						14						19
23						7						10
22						7						10
21						4						4
20						12						11
19						5						5
18 AND LESS	29	164	3,270	224	124	3,811	34	178	3,139	200	82	3,633
TOTAL	308	165	3,279	224	124	4,100	353	179	3,106	200	82	3,960
GONAVUS CREEK CHANNEL, N. Y.												
32						5						5
31						2						2
29						1						
27						1						2
26						1						
25						1						
24						1						
23						1						
22						1						2
21						2						4
20						3						3
19						10						14
18 AND LESS	13	434	3,053	1,178	223	4,901	13	434	3,045	1,178	224	4,894
TOTAL	21	436	3,061	1,176	235	4,931	23	436	3,055	1,178	234	4,926
CONVEY ISLAND CHANNEL, N. Y.												
17						4						2
16						16						2
15						5						26
14						102						47
13						76						94
12						159						164
11						198						127
10						36						232
9						51						107
8						27						202
7						35						474
6						3						36
5						2						6
4						1						79
3						3						391
2						1						221
TOTAL	742	917	188	569	2,416	697	873	130	510	2,210		
EAST ROCKAWAY INLET, N. Y.												
15						10						6
14						157						27
13						133						4
12						101						46
11						56						177
10						20						68
9						17						117
8						1						43
7						1						7,173
6 AND LESS	7,086	211				7,316	7,086	38				7,814
TOTAL	7,086	594	66	72	7,818	7,086	593	66				
JAMAICA BAY, N. Y.												
17						3						200
16						9						9
15						39						35
14						70						75
13						167						188
12 AND LESS	820	758				2,295	679	726				2,019
TOTAL	878	934	185	586	2,583	936	897	133	560	2,526		
RARITAN RIVER, N. J.												
25						7						10
24						2						5
23						3						4
22						1						1
21						5						79
20						7						8
19						4						6
18						12						18

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NEW YORK, NY, DISTRICT TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION						DIRECTION					
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL
RAKITAN RIVER, N. J.--(CO-PI-JED)												
17			11	INBOUND	10	21			11	OUTBOUND	35	46
16			5b		7	65			54		17	71
15			55		9	64			60		35	95
14			126		11	137		1	120		10	131
13			5b		19	75			46		17	83
12 AND LESS		47	537	691	279	1,554		53	502	699	196	1,400
TOTAL		47	843	691	376	1,957		55	513	700	389	1,957
UPPER HAY, NEW YORK HARBOR, N. Y., AND N. J.												
51	1			INBOUND		1	1			OUTBOUND		1
50		4				4		1				1
49	1					1	2					2
48	3	2				5	1	1				2
47		2				2		1				1
46	2	2				4		1				1
45	16	55				71	7	18				25
44	2	16				18	2	25				27
43	14	12				26	13	2				15
42	17	44				61	11	17				28
41	9	71				80	5	23				28
40	13	119				132	11	37				48
39	9	71				80	3	18				21
38	17	65				82	6	29				35
37	10	99	3	1	113	4	43	1				48
36	14	69			1	84	12	26				38
35	9	42	2		1	54	6	14				20
34	5	35	1		1	42	5	6				11
33	3	51			2	56	3	27				30
32	3	23	1		3	30	4	10				14
31	5	10			2	17	2	7			4	13
30	7	22	1		4	34	3	17			8	28
29	5	9			5	19	3	5			8	16
28	9	10			11	30	5	13			15	33
27	8	7		1	7	23	11	17		1	19	48
26	9	11			14	34	12	18			15	45
25	15	10			25	50	14	17			32	63
24	6	10			11	27	8	20			16	44
23	3	6		1	22	32	4	6		1	18	29
22	1	6			23	30	1	7			26	34
21	2	2			22	26	2	1			26	29
20	4	3	3	1	24	35	3	3	3	1	30	60
19	1	1	4		29	36	3	1	4		31	39
18 AND LESS	27,677	276	11,979	352	1,636	41,922	27,671	258	15,114	328	1,216	44,587
TOTAL	27,900	1,165	11,994	356	1,684	43,259	27,838	689	15,122	331	1,464	45,404
VERMONT BAY, N. J.												
45				INBOUND				2		OUTBOUND		2
44								1				1
43	1					1						
42		2				2		2				2
41	1	2				3		2				2
40	14	4				18	11	3				14
39	5	2				10	7					7
38	32	14				46	33	8				41
37	44	2				46	41	4				45
36	97	6				103	84	3				86
35	114	7				121	110					113
34	127	3				130	103	2				105
33	121	5				126	111	3				110
32	175	4				179	154	4				158
31	158	6				164	147	2				149
30	200	9		2	211	218	6			1		225
29	179	8			186	208	4			3		215
28	220	7		5	232	276	8			1		285
27	162	3		3	168	210	2			9		221
26	144	11		5	160	165	10			5		180
25	127	6		8	141	100	4			10		114
24	138	4			142	114	6			4		124
23	94	2		5	101	113	5			1		119
22	49	5		8	62	98	5			2		105
21	37	1		2	44	64	2			4		70
20	38	1		2	41	50	2			10		62
19	30			6	38	29				13		62
18 AND LESS	309	334	5,127	149	1,189	7,108	357	390	5,109	149	1,373	7,378
TOTAL	2,619	488	5,127	149	1,242	9,585	2,803	482	5,109	149	1,436	9,979
MACKENACK RIVER, N. J.												
25				INBOUND	1	1				OUTBOUND		1
24											1	1
23											4	4
21					2	2						
20					1	1						
19					5	6			1			5
18 AND LESS	1	87	656	312	480	1,736		88	857	312	480	1,737
TOTAL	1	87	657	312	489	1,740		88	858	312	490	1,748

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS	
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER
DRAFT (FEET)										
PASSAIC RIVER, N. J.				1,300					OUTBOUND	
32		15					14			14
30		18					18			18
29		1					2		1	3
28		3					4		2	6
27		2					3		1	4
26		2					3		1	4
25		5		9		1	5		16	22
24		3		4			4		3	7
23		3		1			6		1	7
22		1					4		1	5
21				5			1		27	28
20				6			3		5	8
19	1			12			4		14	18
18		7	4	16	14		56	6	20	82
17		9	115	9	97		98	115		266
16		12	71	2	71		89	55	1	195
15		12	165	1	16		104	198	3	387
14		30	279	1	49		96	297	6	484
13		24	284		79		91	321	12	539
12 AND LESS	2	1,004	1,406	122	1,134	2	599	1,356	122	993
TOTAL	3	1,150	2,347	150	1,469	3	1,151	2,348	144	1,464
NEW YORK AND NEW JERSEY CHANNELS, N. Y. AND N. J.				UPBOUND					DOWNBOUND	
50		2					1			1
49		2								2
48	1	1				5				5
47		3					3			3
46	1	5					4			4
45	8	28				3	17			20
44	1	3				2	5			7
43	2	6				1	8			9
42	5	16				8	18			26
41	2	17				2	21			23
40	7	44		1		2	52		1	54
39	4	23				4	22			27
38	8	44		1		5	79	1		86
37	12	45	5			11	142	22		176
36	12	34				20	101	1		128
35	9	30				19	73	3	12	107
34	16	17				33	63	1	2	92
33	21	16		1		38	93		3	117
32	21	58	1	3		43	69		11	94
31	17	19		4		40	45	1	34	95
30	10	68	1	9		44	92	1	19	124
29	12	21		15		21	63		11	95
28	28	36		38		15	60	3	4	105
27	22	37		50		7	36	1	34	107
26	6	43		25		3	49	13	5	97
25	7	67		210		24	59	2	1	182
24	6	53		71		3	37	4	2	89
23	3	26	1	59		26	18	1	3	135
22	1	23		7	67		28	95	4	76
21	1	19		2	73	2	13		1	86
20	1	14	8	3	97		43	8	6	71
19	4	7	8	1	171		2	16	3	106
18 AND LESS	518	3,991	24,992	6,369	8,673	497	4,498	27,365	7,462	9,527
TOTAL	769	4,820	25,020	6,385	9,571	768	5,813	27,538	7,525	10,273
PARITAN RIVER TO ARTHUR KILL CUT OFF CHANNEL, N. J.				UPBOUND					DOWNBOUND	
25				2					13	13
24				2					5	5
23				1					4	5
22									2	2
21				2					9	9
20				2					13	13
19				4					6	6
18				16					14	14
17			8	14				8	16	16
16			54	14			56		9	65
15			58	21			53		6	59
14			99	2		1	99		19	119
13			40	8			42		28	70
12		1	134	265	20		134		9	143
11		1	98	202	2		76	8	2	87
10		1	167		9		166	24	4	196
9			24	1	1		18	7	1	27
8		1	2	1	1		2	20	2	22
7		1	4		1	1	6	257	16	280
6					1					
5		1			1				10	10
4		1		20	38				29	29
3				48	75			92	34	126
2				174	1			270	1	271
1				1						
TOTAL		7	648	712	243		6	660	679	242

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HARBOR OR WATERWAY	DIRECTION					TOTAL	DIRECTION					TOTAL
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
NEW YORK HARBOR, N. Y., LOWER ENTRANCE CHANNELS				DOWNBOUND						DOWNBOUND		
50 -								3				3
49 -								2				2
48 -								2				2
47 -	11	13				24	6	4				10
46 -	3	6				9	2	6				8
45 -	22	76				98	19	58				77
44 -	4	21				25	3	10				13
43 -	17	21				38	16	9				25
42 -	27	64				91	20	36				56
41 -	15	95				110	10	44				54
40 -	35	179				216	41	92			1	134
39 -	27	97			1	125	17	43				60
38 -	72	156			1	230	60	87			1	148
37 -	92	170	10		2	274	75	83	10			168
36 -	156	152	1		7	316	159	68				207
35 -	177	104	5		13	299	155	46				201
34 -	222	84	2		3	311	186	29				215
33 -	195	62				277	178	31				209
32 -	307	83	1		9	438	314	74	1		6	395
31 -	257	47	1		19	324	223	31			15	269
30 -	355	84	2		10	451	343	116	1		10	470
29 -	295	60			5	360	294	54			2	350
28 -	369	57	3		16	445	421	73		1		495
27 -	297	30	1		17	345	307	66		9	6	478
26 -	237	50	7		16	310	246	97	6	2	6	397
25 -	228	29			31	288	225	124	2	1	12	364
24 -	228	37		5	13	243	215	97	4	2	13	331
23 -	168	27	2	1	10	208	178	46	2	4	58	288
22 -	69	10	70		25	219	158	50	23	3	12	246
21 -	69	10			33	112	98	29	1	1	166	295
20 -	59	15	3	8	17	102	73	59	4		7	147
19 -	41	1		2	36	80	60	11		2	22	95
18 -	247	1,412	2,098	226	1,037	5,070	278	1,561	1,866	224	959	4,888
TOTAL -	4,568	3,200	2,207	242	1,322	11,429	4,490	3,141	1,920	253	1,296	11,100
HUDSON RIVER, N. Y., DEEPWATER IN UPPER BAY, N. Y., TO WATERFORD, N. Y., FOREIGN AND COASTWISE				UPBOUND						DOWNBOUND		
43 -	1	1				2		5				5
41 -	2					2	2	2				4
40 -	4					6	6					6
39 -	2					2	1					1
38 -	11	1				12	5	1				6
37 -	19	2				21	14	1				15
36 -	8					8	10	2				12
35 -	18					18	15	1				16
34 -	24					24	27	1				28
33 -	22	1				23	16					16
32 -	60	16			1	77	45	2				47
31 -	46	9				55	25	1				26
30 -	90	9				103	88	2				90
29 -	67	9				76	58	6				64
28 -	74	6			2	82	74	7				62
27 -	72				1	73	88			15		103
26 -	31	2			1	36	40	10		3		53
25 -	36	1			4	41	29	9		1		39
24 -	44	2		4	3	53	46	4				50
23 -	19	1			2	22	33	5		1		39
22 -	19		1			20	12	2				34
21 -	9	1			2	12	16	1	1			18
20 -	8	1	1	7	2	19	7	2			1	10
19 -	2				4	6	12			4		16
18 AND LESS -	33	11	338	275	55	712	33	10	340	261	76	720
TOTAL -	727	73	340	246	77	1,503	722	74	341	246	77	1,500
HUDSON RIVER, N. Y., DEEPWATER IN UPPER BAY, N. Y., TO WATERFORD, N. Y., INTERNAL				UPBOUND						DOWNBOUND		
33 -		1				1						
31 -		2				3						
30 -						16						
29 -						11						
28 -						14						
27 -						9				4		4
26 -						11				33		33
25 -						60				4		4
24 -						13					1	1
23 -						14						
22 -						18						
21 -						21			1			1
20 -			1			33					33	33
19 -						48						1
18 AND LESS -	7,485	652	7,370	3,661	1,428	20,596	7,483	656	7,368	3,620	1,662	20,789
TOTAL -	7,485	657	7,371	3,661	1,699	20,873	7,483	656	7,372	3,661	1,699	20,871

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
HUDSON RIVER, N. Y., MOUTH OF SPIUYTEN DUYIL CREEK (HARLEM RIVER) TO WATERFORD, N. Y.												
				INBOUND					OUTBOUND			
33	19	0				25	16	12			28	
32	22	10			1	39	9	2			11	
31	12	11			3	26	9	1			10	
30	8	0			16	33	3	2			5	
29	19	0			19	39	10	6			16	
28	22	0			16	44	12	7		5	24	
27	10				10	20	16	6		48	70	
26	16	2			12	30	11	10		7	28	
25	16	1			64	83	11	9		1	22	
24	13	2		4	16	35	14	4			18	
23	16	1			16	33	31	5		1	38	
22	9				18	27	22	2			25	
21	5	1			23	32	15	1			49	
20	8	1	1	7	35	52	6	2	1		10	
19	2	2			51	55	12			4	17	
18		27		3	51	81	2	1		38	42	
17	2	59	70	2	49	182	2	4	109	17	4	
16		69	107	2	91	309	2	4	160	21	2	
15	1	53	178	6	72	312	2	2	192	3	6	
14		57	310	19	217	603	2	4	350	2	14	
13		53	331	23	258	665		9	290	35	9	
12 AND LESS	345	140	3,157	1,916	663	6,222	2,727	376	3,473	2,439	1,332	
TOTAL	551	525	4,194	1,984	1,493	8,947	2,934	469	4,579	2,671	1,406	
TARRYTOWN HARBOR, N. Y.												
			2	INBOUND					OUTBOUND			
16					1	1			2		2	
15						1						
14		1	4			5			4		4	
13		2	4			6			4		4	
12		1	18	1	2	22			16		16	
11		4	12	41	13	70			10		10	
10		1	170	32	10	213		4	170		174	
9			26	63	9	98		1	28		29	
8			40		9	49			42		42	
7				3	6	11	2				2	
6 AND LESS	2				3	5		4		139	53	
TOTAL	2	9	276	140	53	480	2	9	276	139	53	
PORT OF ALBANY, N. Y.												
			3	INBOUND					OUTBOUND			
35						3	1	6			7	
34								1			1	
33		1				1						
32	15	16				31	6	2			8	
31		9				9	2	1			3	
30	6	7			2	15		2			2	
29	16	8			3	27	7	6			13	
28	10	5			10	25	9	6			15	
27	9				7	16	13	6			19	
26	14	2			7	23	10	8			18	
25	15	1			42	58	8	9			19	
24	12	1			7	20	12	3			15	
23	15	1			7	23	23	3			27	
22	9				13	22	22	1			24	
21	3	1			14	23	8				10	
20	7	1			26	34	5	1			7	
19	2	2			17	21	10				11	
18		23		2	23	48	1			1	3	
17	2	36	41		36	115	1	1	43		49	
16		32	40		51	123	2	2	79		85	
15	1	8	100	3	35	147	2		122	1	4	
14		6	65	3	98	172	2	4	73		11	
13		11	125	4	82	222		7	126		5	
12 AND LESS	5	44	547	6	122	774		145	474	18	567	
TOTAL	145	218	918	18	602	1,904	144	214	917	20	602	
FEDERAL LOCK, TROY, N. Y.												
			14	NORTHBOUND					SOUTHBOUND			
16					1	15			16		16	
15					1	1						
14					1	1			2		2	
13				12		12			8		8	
12				10	2	12			8		8	
11				57	6	63			52		52	
10		30	16		30	76			20		20	
9		3			11	14					2	
8											1	
7												
6	22					22	22				22	
5								31			40	
4											15	
3											11	
2												
TOTAL	22	33	109		52	216	22	31	106		38	
HEMPSTEAD HARBOR, N. Y.												
			27	INBOUND					OUTBOUND			
15		8			12	47			31		31	
14		8	19		12	39			15		15	

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NEW YORK, NY, DISTRICT

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION						DIRECTION						
	DRAFT (FEET)	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
HEMPSTEAD HARBOR, N. Y.--(CONTINUED)					INBOUND						OUTBOUND		
13			54	75		28	157			58		4	62
12			14	16	34	24	82	1		10	4		15
11				57	111	53	206	3		43		1	47
10			7	376	216	9	602	7		191	69		467
9				249	12	9	380	2		287			289
8				31	7	3	35	8		33		1	42
7				15			22			11			11
6 AND LESS					2		2	71			379	133	503
TOTAL			92	879	453	150	1,574	92		879	452	139	1,562
NORTHPORT HARBOR, N. Y.					INBOUND						OUTBOUND		
15				16			16			12		17	29
14				4			4			4			4
12				27			27			15			15
11			2	6			8			6			6
10				10			11			16			18
9			1				1						
8						1	1						1
7						3	3		2				2
6						1	1						
5						5	5						
4						9	9						
3						2	6	4				4	8
2												1	1
TOTAL		4	3	63		22	92	4	3	55		22	84
PORT JEFFERSON HARBOR, N. Y.					INBOUND						OUTBOUND		
31		1	16				17	1	17				18
30						2	2						
29			1				1						
28			1			2	3						
27						14	14						
26			1			14	15						
25						8	8		1				1
24						8	8		3				3
23						2	2						
22						1	1		1				1
21						10	10					1	1
20				1		18	19					2	5
19						11	11		2	1		2	2
18			1			27	28					2	2
17			2	24		21	47		2	42		5	49
16			6	31		18	55			31		4	35
15			7	69		20	96		1	101		5	107
14			37	11		50	98		4	23		4	31
13		828	16	86	2	48	978		2	80		2	84
12 AND LESS		6,119	29	640	302	105	7,194	6,946	85	584	303	347	8,265
TOTAL		6,947	119	862	304	375	8,607	6,947	118	862	303	374	8,604
BROWNS CREEK, N. Y.					UPBOUND						DOWNBOUND		
TOTAL, 6 AND LESS		5,848					5,848	5,848					5,848
BURLINGTON HARBOR, VT.					INBOUND						OUTBOUND		
TOTAL, 13 AND LESS		924	6	22		15	967	924	6	16		14	960
CHEESBROUKE CREEK, N. J.					NO VESSEL TRIPS REPORTED								
CONY ISLAND CREEK, N. Y.					INBOUND						OUTBOUND		
TOTAL, 12 AND LESS				37	29		66			36	29		65
ECHO BAY HARBOR, N. Y.					NO VESSEL TRIPS REPORTED								
ELIZABETH RIVER, N. J.					NO VESSEL TRIPS REPORTED								
FIRE ISLAND INLET, N. Y.					UPBOUND						DOWNBOUND		
TOTAL, 6 AND LESS		9,307					9,307	9,307					9,307
GLEN COVE CREEK, N. Y.					UPBOUND						DOWNBOUND		
TOTAL, 1 AND LESS				59	13	1	73			56	12	1	69
GLEN COVE HARBOR, N. Y.					NO VESSEL TRIPS REPORTED								
GREAT KILLS HARBOR, STATEN ISLAND, N. Y.					NO VESSEL TRIPS REPORTED								
GREAT SOUTH BAY, N. Y.					UPBOUND						DOWNBOUND		
TOTAL, 8 AND LESS		52,380					52,380	52,380					52,380

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					TOTAL	DIRECTION					
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL
GREENPORT HARBOR, N. Y. TOTAL, 8 AND LESS	13,544			INBOUND		13,544	13,544			OUTBOUND		13,544
HUNTINGTON HARBOR, N. Y.				NO VESSEL TRIPS REPORTED								
JONES INLET, N. Y. TOTAL, 9 AND LESS	6,155			INBOUND		6,155	6,155	3		DOWNBOUND		6,158
KEYPORT HARBOR, N. J. TOTAL, 9 AND LESS	1,058			INBOUND		1,058	1,058			OUTBOUND		1,056
LAKE MONTAUK HARBOR, N. Y. TOTAL, 5 AND LESS	74,963			INBOUND		74,963	74,964			OUTBOUND		74,964
LARCHMONT HARBOR, N. Y.				NO VESSEL TRIPS REPORTED								
LEMON CREEK, STATEN ISLAND, N. Y.				NO VESSEL TRIPS REPORTED								
LONG ISLAND INTRACASTAL ATTY, N. Y. TOTAL, 4 AND LESS	758			INBOUND		758	758			DOWNBOUND		756
MARONECA HARBOR, N. Y. TOTAL, 9 AND LESS			10	INBOUND	9	19			10	OUTBOUND	9	19
MANHASSET BAY, N. Y. TOTAL, 13 AND LESS		7	32	INBOUND	31	70		9	34	OUTBOUND	31	74
MATTITUCK HARBOR, N. Y. TOTAL, 6 AND LESS	801			INBOUND		801	801			OUTBOUND		801
NARROWS OF LAKE CHAMPLAIN, N. Y. AND VT. TOTAL, 13 AND LESS		33	97	INBOUND	40	170	22	31	88	DOWNBOUND	28	169
NEW ROCHELLE HARBOR, N. Y. TOTAL, 9 AND LESS	1,636		12	INBOUND	12	1,660	1,638		12	OUTBOUND	12	1,662
ORONDOR CREEK, N. Y.				NO VESSEL TRIPS REPORTED								
PATCHOGUE RIVER, N. Y.				NO VESSEL TRIPS REPORTED								
PECONIC RIVER, N. Y.				NO VESSEL TRIPS REPORTED								
PEEKSKILL HARBOR, N. Y. TOTAL, 8 AND LESS	3			INBOUND		3	4			OUTBOUND		4
PORT CHESTER HARBOR, N. Y. TOTAL, 12 AND LESS	2	66	243	INBOUND	109	422	1	65	235	OUTBOUND	109	410
PORT HENRY HARBOR, N. Y.				NO VESSEL TRIPS REPORTED								
RAMMAY RIVER, N. J.				NO VESSEL TRIPS REPORTED								
RODDOUT HARBOR, N. Y. TOTAL, 17 AND LESS	80	36	21	INBOUND	13	144	80	34	31	OUTBOUND	14	171
ROUSES POINT, N. Y.				NO VESSEL TRIPS REPORTED								
SAG HARBOR, N. Y. TOTAL, 6 AND LESS	39,139			INBOUND		39,139	39,139			OUTBOUND		39,139
SANDY HOOK BAY AT LEONARDO, N. J. TOTAL, 10 AND LESS		1		INBOUND		1			1	OUTBOUND		1
SANDY HOOK BAY, ATL. HIGHLANDS N. J. TOTAL, 5 AND LESS	8,458			INBOUND		8,458	8,458			OUTBOUND		8,458
SANDY HOOK CHANNEL, N. Y.				NO VESSEL TRIPS REPORTED								

NEW YORK, NY, DISTRICT

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
DRAFT (FEET)												
SAUGERTIES HARBOR, N. Y.			NO VESSEL TRIPS	REPORTED								
SHARK RIVER, N. J. TOTAL, 6 AND LESS	27,225			UPBOUND		27,225	27,225				DOWNBOUND	27,225
SHEEPSHEAD BAY, N. Y. TOTAL, 15 AND LESS	8,397	11	2	INBOUND	1	8,411	8,397	11	2		OUTBOUND	8,411
SHINNECOCK INLET, N. Y. TOTAL, 4 AND LESS	659			UPBOUND		659	659				DOWNBOUND	659
SHOAL HARBOR AND COMPTON CREEK, N. J.			NO VESSEL TRIPS	REPORTED								
SHREWSBURY RIVER, N. J. TOTAL, 4 AND LESS	9,004			UPBOUND		9,004	9,004				DOWNBOUND	9,004
HALLABOUT CHANNEL, N. Y.			NO VESSEL TRIPS	REPORTED								
HAYCAKE CREEK, N. J.			NO VESSEL TRIPS	REPORTED								
WESTCHESTER CREEK, N. Y. TOTAL, 14 AND LESS		6	162	INBOUND	113	281		4	160		OUTBOUND	282
GOWANUS CANAL, N. Y. TOTAL, 17 AND LESS	1	429	456	UPBOUND	123	1,248	1	413	456		DOWNBOUND	1,229
GRAVESEND BAY, N. Y. TOTAL, 50 AND LESS	21	119	509	UPBOUND	157	1,252	20	109	504		DOWNBOUND	1,236
LONG ISLAND SOUND AT CITY ISLAND, N. Y. TOTAL, 15 AND LESS	607		2	INBOUND	1	610	606		1		OUTBOUND	609
LONG ISLAND SOUND AT RYE BEACH, N. Y. TOTAL, 15 AND LESS			1	UPBOUND	1	2			1		DOWNBOUND	2
LONG ISLAND SOUND, N. Y. TOTAL, 16 AND LESS	1,638		15	INBOUND	1	1,654	1,636		15		OUTBOUND	1,654
OYSTER BAY, N. Y. TOTAL, 18 AND LESS	1	96	73	UPBOUND	70	241		94	73		DOWNBOUND	240
SANDY HOOK BAY, N. J. TOTAL, 43 AND LESS	9,022	16	209	INBOUND	8	9,257	9,018	34	229		OUTBOUND	9,297

PHILADELPHIA, PA, DISTRICT

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION						DIRECTION					
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL
DELAWARE RIVER, TRENTON, N. J. TO THE SEA (CONSOLIDATED REPORT)												
FOREIGN AND COASTWISE												
49 -	18	131				149						
48 -	7	6				13						
47 -	5	14				22						
46 -	1	9				10						
45 -	4	12				16						
44 -	5	20				25						
43 -		14				14						
42 -	3	20				24						
41 -	2	16				18						
40 -	12	71				83						
39 -	12	96				110						
38 -	32	93				125						
37 -	25	90	17			135						
36 -	10	51				61						
35 -	22	49				71						
34 -	24	26				51						
33 -	45	30				75						
32 -	46	21				70						
31 -	54	15				71						
30 -	46	23				75						
29 -	49	25				75						
28 -	97	34				133						
27 -	113	39				164						
26 -	143	35				186						
25 -	220	33				259						
24 -	204	24				230						
23 -	186	19				209						
22 -	179	14				213						
21 -	98	16				125						
20 -	105	15				122						
19 -	57	9				105						
18 AND LESS -	178	119	1,132	239	628	2,296	300	110	1,242	236	380	2,268
TOTAL -	1,962	1,191	1,219	265	753	5,390	1,923	1,184	1,320	249	786	5,462
DELAWARE RIVER, TRENTON, N. J. TO THE SEA (CONSOLIDATED REPORT)												
INTERNAL												
40 -		2				2						
39 -		1				1						
37 -						27						
36 -		1				5						
35 -						19						
34 -		1				2						
33 -		1				2						
32 -		3				54						
31 -		5				6						
30 -		2				106						
29 -		4				21						
28 -		5				37						
27 -		3				75						
26 -		4				46						
25 -		3				54						
24 -						87						
23 -						16						
22 -						16						
21 -		1				17						
20 -		1				8						
19 -						15						
18 AND LESS -	12,592	123	9,530	671	3,383	26,299	12,496	123	9,459	753	3,771	26,602
TOTAL -	12,592	156	9,557	671	3,961	26,937	12,496	150	9,487	753	4,027	26,913
DELAWARE RIVER BETWEEN PHILADELPHIA, PA., AND TRENTON, N. J.												
35 -	29	13	19			61						
34 -	4	3				8						
33 -	6	3				9						
32 -	10	8				23						
31 -	25	6				32						
30 -	10	2				13						
29 -	16	6				22						
28 -	18	7				26						
27 -	23	15				44						
26 -	23	8				35						
25 -	37	9				52						
24 -	27	8				42						
23 -	44	5				50						
22 -	23	5				28						
21 -	21	3				28						
20 -	22	2				24						
19 -	11	3				25						
18 -	4	1				6						
17 -	2	1				6						
16 -	1					6						
15 -	1					6						
14 -	1					6						
13 -	1					6						
12 AND LESS -	7	8	954	13	729	1,792	7	12	952	193	641	1,805
TOTAL -	367	117	1,760	188	918	3,350	365	119	1,785	194	862	3,325

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	
DELAWARE RIVER, PHILADELPHIA, PA., TO THE SEA										
49	14	131				145				
48	7	6				13				
47	8	14				22	1	1		1
46	1	9				10				
45	4	12				16				
44	5	20				25				
43		14				14				
42	4	20				24				
41	2	16				18				
40	12	72				84	8	1		9
39	12	99				111	12	5		17
38	32	93			1	126	7	6		13
37	25	90	32		4	151	14	20	43	77
36	19	52			2	64	15	21		36
35	22	49			9	80	42	12		54
34	24	76			1	93	33	5		39
33	45	30			2	77	30	11		41
32	46	22			34	102	30	41		71
31	58	16			6	76	47	38		85
30	46	25			105	176	59	119		295
29	49	20			12	90	64	166		226
28	97	36			1	157	46	117		174
27	113	41			7	213	85	118		231
26	143	39			2	217	137	153		290
25	220	37			1	335	132	79		329
24	204	25	1		2	290	120	49	1	269
23	146	19			3	221	136	27		194
22	179	15	12		3	273	222	24	10	256
21	96	17	4		1	136	116	19	4	206
20	105	15	40		4	177	152	55	46	309
19	57	9	14		2	119	73	17	13	163
18 AND LESS	12,713	239	10,542	929	4,210	28,633	12,853	236	10,560	28,409
TOTAL	14,497	1,341	10,645	955	4,760	32,198	14,476	1,340	10,697	32,163
DELAWARE RIVER AT CAMDEN, N. J.										
37	2	2				4	7			7
36	2					2	3			5
35	7	2				9	9			18
34	9					9	8			17
33	18					18	11			29
32	18					14	14			28
31	13					13	14			27
30	17					23	21			44
29	21				4	25	17			42
28	21				2	23	14	1		38
27	25				1	26	19	2		47
26	21				1	22	26	2		54
25	29				3	32	23			55
24	31					31	26			57
23	33				1	34	34	1		69
22	31					31	32			63
21	32	1				33	19			52
20	26					26	35			61
19	16					16	18			34
18 AND LESS	41	5	1,607	16	291	1,960	65	6	1,606	1,903
TOTAL	407	10	1,607	16	303	2,343	414	15	1,606	2,349
SCHUYLKILL RIVER, PA.										
32	1	5				1	7			17
31	1					1	1			2
30					11	12				23
29					2	8				10
28					2	6				8
27	1	3			2	6	1			9
26					1	3				4
25	14	2			7	23	2			26
24					5	7	3			11
23					2	3	3			17
22					1	12	2			14
21					2	3				5
20	1	2			4	7	3			16
19					15	15	1			16
18					1	2				3
17	1				12	13				15
16					28	155	183			208
15					61	7				68
14					54	150	205			259
13					103	96				199
12 AND LESS	4		1,918	133	1,093	3,148	3	100	1,069	3,033
TOTAL	19	36	2,216	134	1,569	3,974	19	40	2,196	3,979
PHILADELPHIA HARBOR, PA.										
46	6	50				56				
45		2				2				
44	2	3				5				
43		2				2				
42	2	6				8				

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS	
	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER
DRAFT (FEET)										
PHILADELPHIA HARBOR, PA.--(CONTINUED)				INBOUND					OUTBOUND	
41 - - - - -		2								
40 - - - - -	11	2				8				8
39 - - - - -	7	17				11	2			13
38 - - - - -	17	19				4				4
37 - - - - -	8	14	20			9	1	21		31
36 - - - - -	3	6			1	10	9			13
35 - - - - -	2	8			10	26	2			30
34 - - - - -	3	6			1	10	14	1		15
33 - - - - -	9	6				15	15	1		17
32 - - - - -	20	11			22	53	14		1	34
31 - - - - -	19	7			3	26	7		13	36
30 - - - - -	16	5			64	107	27	20	3	46
29 - - - - -	21	12			4	37	29	25	1	55
28 - - - - -	41	13			4	58	42	53	6	101
27 - - - - -	52	15			23	90	44	25	16	95
26 - - - - -	70	8			10	88	50	34	14	98
25 - - - - -	89	8			0	106	70	13	25	108
24 - - - - -	79	13			22	114	43	22	13	98
23 - - - - -	88	5			3	96	66	6	13	85
22 - - - - -	124	8	11		2	145	5	9	8	138
21 - - - - -	47	7	1		2	57	40	7	22	70
20 - - - - -	61	4			5	70	56	12	4	76
19 - - - - -	35	4	4		15	50	40	7	12	62
18 AND LESS - - - - -	2,933	125	6,071	244	1,919	2,995	127	6,042	254	1,972
TOTAL - - - - -	3,767	388	6,107	244	2,139	3,776	381	6,076	254	2,146
TRENTON HARBOR, N. J.				INBOUND					OUTBOUND	
17 - - - - -				58						
16 - - - - -				7		7				
15 - - - - -				60		61				
14 - - - - -			56	6		64		56	1	57
13 - - - - -			62	6		68		62		62
12 - - - - -			35			35		35		35
11 - - - - -				3		3				
6 AND LESS - - - - -									118	24
TOTAL - - - - -			153	118	25	296		153	118	25
WILMINGTON HARBOR, DELAWARE				INBOUND					OUTBOUND	
37 - - - - -	1	1	5		1	8	2	1	5	1
36 - - - - -	2					2	1			1
35 - - - - -	6					6				
34 - - - - -	10					10		1		1
33 - - - - -	14	2				19	1			1
32 - - - - -	7	2			3	12	1			1
31 - - - - -	7					7	2			2
30 - - - - -	6	1			3	10	3			3
29 - - - - -	11					11	5	1		6
28 - - - - -	23	2				25	14	1		17
27 - - - - -	32					32	12		2	12
26 - - - - -	34				1	35	25	1		27
25 - - - - -	73				2	75	19	3	3	25
24 - - - - -	44		1		6	51	15	1	1	18
23 - - - - -	21					21	30	1		31
22 - - - - -	21	1			2	24	62	1		64
21 - - - - -	13		3		1	17	40	3	1	44
20 - - - - -	12		3		2	17	51	2		54
19 - - - - -	4					4	15		1	16
18 AND LESS - - - - -	244	4	293	11	231	783	269	4	284	229
TOTAL - - - - -	585	13	305	11	252	1,146	567	16	296	1,130
INLAND WATERWAY FROM DELAWARE RIVER TO CHESAPEAKE BAY, DEL. AND MD.-CHESAPEAKE AND DELAWARE CANAL				EASTBOUND					WESTBOUND	
36 - - - - -								6		10
35 - - - - -							2			2
34 - - - - -	2					2				2
33 - - - - -	5					5	10	1		11
32 - - - - -	1			3		30	41	1	1	45
31 - - - - -	33	1	2			35	45	6		52
30 - - - - -	35	2		1		38	44		2	46
29 - - - - -	57	2	2	3	1	65	98	1	3	68
28 - - - - -	86	3		1		89	62	9	3	82
27 - - - - -	69	3	6	4	2	84	57	11	7	82
26 - - - - -	65	3	2	3	3	76	46	7	4	64
25 - - - - -	90	7	5		5	107	79	2	8	108
24 - - - - -	57	5	5	2	16	85	61	1	2	81
23 - - - - -	44	7	4	11	6	72	44	6	5	65
22 - - - - -	30	4	5	89	4	132	43	2	2	74
21 - - - - -	101	7	6	19	5	136	136	12	3	168
20 - - - - -	16		2	5		23	11	2	6	29
19 - - - - -	15	2	11	5	4	37	19	4	10	50
18 - - - - -	7		30	36	3	76	13	3	26	75
17 - - - - -	6		125	76	11	218	11	1	126	180
16 - - - - -	6		58	16	13	93	9	6	68	192
15 - - - - -	5	4	245	11	28	243	10	3	218	351
14 - - - - -	4		191	10	27	232	2	1	214	268
13 AND LESS - - - - -	209	15	1,410	661	967	3,262	407	15	1,405	3,394
TOTAL - - - - -	978	65	2,110	955	1,096	5,200	1,210	96	2,118	5,479

Waterborne Commerce of the United States, 1986

PHILADELPHIA, PA, DISTRICT

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS	
	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER
DRAFT (FEET)										
ASBECOM CREEK, N. J.		NO VESSEL TRIPS		REPORTED						
ASBECOM INLET, N. J. TOTAL, 12 AND LESS - - - - -	1,079		3	UPBOUND		1,072	1,077	5	DOWNBOUND	1,082
ALLOHAY CREEK, N. J.		NO VESSEL TRIPS		REPORTED						
APPOQUINIMINK RIVER, DEL.		NO VESSEL TRIPS		REPORTED						
BARNEGAT INLET, N. J. TOTAL, 10 AND LESS - - - - -	2,194			UPBOUND		2,194			DOWNBOUND	2,194
BIG TIMBER CREEK, N. J.		NO VESSEL TRIPS		REPORTED						
BROADKILL RIVER, DEL.		NO VESSEL TRIPS		REPORTED						
CAPE MAY CANAL, N. J. TOTAL, 12 AND LESS - - - - -	4,982		7	UPBOUND	3	4,982	4,109	2	DOWNBOUND	4,111
COMANSEY RIVER, N. J. TOTAL, 11 AND LESS - - - - -	150		1	UPBOUND	2	153	150	1	DOWNBOUND	152
COLD SPRING INLET, N. J. TOTAL, 13 AND LESS - - - - -	3,179			UPBOUND		3,179	3,937		DOWNBOUND	3,937
COOPER RIVER, N. J. TOTAL, 9 AND LESS - - - - -			1	UPBOUND	1	2		1	DOWNBOUND	2
HARBOR OF REFUGE, DELAWARE BAY, DEL. TOTAL, 12 AND LESS - - - - -	2,600	1	14	UPBOUND		2,615	2,599	1	DOWNBOUND	2,614
HOPE CREEK, N. J.		NO VESSEL TRIPS		REPORTED						
INDIAN RIVER INLET AND BAY, DEL. TOTAL, 4 AND LESS - - - - -	235			UPBOUND		235	235		DOWNBOUND	235
INLAND WATERWAY BETWEEN REMUMPTON BAY AND DELAWARE BAY, DEL. TOTAL, 7 AND LESS - - - - -	997		7	UPBOUND		1,004	997	6	DOWNBOUND	1,003
LEIPSDIC RIVER, DEL.		NO VESSEL TRIPS		REPORTED						
LITTLE EGG HARBOR, N. J.		NO VESSEL TRIPS		REPORTED						
LITTLE RIVER, DEL.		NO VESSEL TRIPS		REPORTED						
MANASQUAN RIVER, N. J. TOTAL, 13 AND LESS - - - - -	1,633		1	UPBOUND		1,634	1,635	1	DOWNBOUND	1,636
MANTUA CREEK, N. J. TOTAL, 11 AND LESS - - - - -			56	UPBOUND	14	161		59	DOWNBOUND	156
MAURICE RIVER, N. J. TOTAL, 7 AND LESS - - - - -	587			UPBOUND		587	587		DOWNBOUND	587
MISPILLION RIVER, DEL. TOTAL, 4 AND LESS - - - - -	35			UPBOUND		35	35		DOWNBOUND	35
MURDERKILL RIVER, DEL. TOTAL, 5 AND LESS - - - - -	1,292			UPBOUND		1,292	1,292		DOWNBOUND	1,292
NEW JERSEY INTRACOASTAL WATERWAY TOTAL, 12 AND LESS - - - - -	13,293		7	UPBOUND	3	13,303	12,922	4	DOWNBOUND	12,926
OLDMAN CREEK, N. J.		NO VESSEL TRIPS		REPORTED						
PEPPER CREEK, DEL. TOTAL, 4 AND LESS - - - - -	14			UPBOUND		14	14		DOWNBOUND	14

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION						DIRECTION					
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL
SALEN RIVER, N. J.		NO VESSEL TRIPS		REPORTED								
SHYRMA RIVER, DEL. TOTAL, 8 AND LESS - - - - -	239			UPBOUND		239	239			DOWNBOUND		239
ST. JONES RIVER, DEL.		NO VESSEL TRIPS		REPORTED								
TOMS RIVER, N. J.		NO VESSEL TRIPS		REPORTED								
TUCKERTON CREEK, N. J. TOTAL, 8 AND LESS - - - - -	14			UPBOUND		14	14			DOWNBOUND		14
WATERWAY FROM INDIAN RIVER INLET TO WHEATPORT BAY, DEL. TOTAL, 7 AND LESS - - - - -	37		1	UPBOUND		37	37			DOWNBOUND		37

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BALTIMORE, MD, DISTRICT

TRIPS AND DRAFTS OF VESSELS #

HARBOR OR WATERWAY	DIRECTION						DIRECTION					
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL
BALTIMORE HARBOR AND CHANNELS, MD.												
41 -	61					61	28					28
40 -	20					20	21					21
39 -	8					8	15					15
38 -	6	2				8	44					44
37 -	6		15			21	9		15			24
36 -	19	6				25	44					44
35 -	22	5				27	57					57
34 -	27	6				33	35					35
33 -	51	10				61	32	5				37
32 -	67	8		2		77	94	3				97
31 -	142	10				152	43	2				45
30 -	178	16		1	1	195	190	1		1		191
29 -	186	11				197	153	4				157
28 -	181	22		1	2	206	206	9				215
27 -	269	11		7	5	292	248	10		1	2	261
26 -	239	9		2	5	255	234	14		3	3	254
25 -	196	5		2	9	212	181	12		2	10	205
24 -	242	9	1	0	5	261	167	13	1	6	4	191
23 -	152	7		5	30	194	115	5		0	2	126
22 -	122	8		14	5	149	126	33		19	3	161
21 -	79	8	1	15	6	109	77	9		7		93
20 -	78	10		6	10	104	147	18		11		176
19 -	53	9		2	9	73	40	12		3	3	58
18 AND LESS -	3,249	593	11,603	994	2,176	18,615	3,311	604	11,637	1,000	2,237	18,789
TOTAL -	5,653	765	11,620	1,053	2,285	21,356	5,657	756	11,653	1,057	2,264	21,387
SUSQUEHANNA RIVER ABOVE AND BELOW HAVRE DE GRACE, MD.												
12 -			5			5			7			7
11 -			120			120			121			121
10 -			67	8		75			64	411		475
9 -			93			93			97	1		98
8 -			86			86			93	12		105
7 -			31			31			37			37
6 -				47		47			3			3
5 -									1			1
4 -										8		8
3 -				108		108				9		9
2 -				274		274						
TOTAL -			402	437		839			423	441		864
CHOPTANK RIVER, MD.												
11 -			58			58			58			58
10 -			43	119	7	169			42	4		46
9 -			44		14	58			42			42
8 -	2		13	19		34	2		13			15
7 -			69	13		82			39			39
6 AND LESS -					2	2			33	111	22	166
TOTAL -	2		227	151	23	403	2		227	115	22	366
NANTICOK RIVER (INCLUDING NORTHWEST FORK), DEL. AND MD.												
11 -			42	3	30	75			40			40
10 -			55	7	45	107			49	27		67
9 -			55	5		60			52			52
8 -			24	3	1	28			20	2		22
7 -			22			22			40			40
6 AND LESS -			2	29	16	47			1	17	92	110
TOTAL -			200	47	92	339			202	46	92	340
WICOMICO RIVER, MD., (EASTERN SHORE)												
13 -						86					1	1
12 -			53			79			56			56
11 -			83			114			78			78
10 -			47	97	7	151			39	5		44
9 -			25		5	30			21			21
8 -			58		1	59			59			59
7 -			3			4			3			3
6 AND LESS -			2		41	43				88	194	282
TOTAL -			271	97	198	566			256	93	195	544
WASHINGTON HARBOR, D. C.												
16 -	113					125	113					113
15 -			4			52			4			4
14 -						1						
13 -						5						
12 AND LESS -	1,353		211		171	1,735	1,353		191		233	1,777
TOTAL -	1,466		215		237	1,918	1,466		195		233	1,894
ANACOSTIA RIVER, D. C.												
16 -						12						
15 -			4			52			4			4

EXCLUDES DOMESTIC FISH LANDINGS

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS	
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER
DRAFT (FEET)										
ANACOSTIA RIVER, D. C.--(CONTINUED)				INBOUND					OUTBOUND	
14 - - - - -					1					
13 - - - - -					5					
12 AND LESS - - - - -			205		171			109		233
TOTAL - - - - -			209		237			193		233
POTOMAC RIVER BELOW WASHINGTON, D. C.				UPBOUND					DOWNBOUND	
32 - - - - -	1	13				1	3			
31 - - - - -		1					1			
30 - - - - -					2					
29 - - - - -		1			1					
27 - - - - -		1			1					
26 - - - - -		2			2					
25 - - - - -		1			3		2			
24 - - - - -					2					
23 - - - - -					1		2			
22 - - - - -	1					1	2			
21 - - - - -	5				5		2			1
20 - - - - -	9				9	2	2			
19 - - - - -	114				7	171	116			
18 AND LESS - - - - -	1,426	2	956	748	646	3,780	1,435	2	956	741
TOTAL - - - - -	1,556	21	956	748	664	3,945	1,555	19	956	741
BRETON BAY, MD.				UPBOUND					DOWNBOUND	
10 - - - - -					1			1		
9 - - - - -					4			2		
8 - - - - -					122			149		
7 - - - - -					65			739		
6 - - - - -					145					
5 - - - - -					27					
4 - - - - -					253					
3 - - - - -					65			65		
2 - - - - -					277					
TOTAL - - - - -			219	740		959		217	740	
OCCOQUAN CREEK, VA.				UPBOUND					DOWNBOUND	
8 - - - - -										
7 - - - - -					149			122		
6 - - - - -					2			65		
5 - - - - -										
4 - - - - -								145		
3 - - - - -					65			27		
2 - - - - -								65		
TOTAL - - - - -			216	739		955		214	739	
ANNAPOLIS HARBOR, MD.				INBOUND					OUTBOUND	
TOTAL, 10 AND LESS - - - - -	968					968	968			968
AQUIA CREEK, VA.				NO VESSEL TRIPS REPORTED						
BACK CREEK, ANNE ARUNDEL COUNTY, MD.				NO VESSEL TRIPS REPORTED						
BETTERTON HARBOR, MD.				NO VESSEL TRIPS REPORTED						
BLACK WALNUT HARBOR, MD.				NO VESSEL TRIPS REPORTED						
BONUM CREEK, VA.				NO VESSEL TRIPS REPORTED						
BRANSOME COVE, VA.				NO VESSEL TRIPS REPORTED						
BROAD CREEK RIVER, DEL.				NO VESSEL TRIPS REPORTED						
BROAD CREEK, SOMERSET COUNTY, MD.				NO VESSEL TRIPS REPORTED						
BROADWATER CREEK, MD.				NO VESSEL TRIPS REPORTED						
CADLE CREEK, MD.				NO VESSEL TRIPS REPORTED						
CAMBRIDGE HARBOR, MD.				INBOUND					OUTBOUND	
TOTAL, 11 AND LESS - - - - -	2		61	47		110	2	61	45	
CHANNEL TO ISLAND CREEK, ST. GEORGE ISLAND, MD.				NO VESSEL TRIPS REPORTED						
CHESTER RIVER, MD.				UPBOUND					DOWNBOUND	
TOTAL, 10 AND LESS - - - - -	17		17	17		51	17	18	17	
CLAIBORNE HARBOR, MD.				NO VESSEL TRIPS REPORTED						

EXCLUDES DOMESTIC FISH LANDINGS

Waterborne Commerce of the United States. 1986

BALTIMORE, MD, DISTRICT

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
COAN RIVER, VA.		NO VESSEL TRIPS		REPORTED								
CORSICA RIVER, MD.		NO VESSEL TRIPS		REPORTED								
CRISFIELD HARBOR, MD. TOTAL, 10 AND LESS - - - - -	1,004		6	INBOUND	3	1,013	1,004		6	OUTBOUND	2	1,012
CUCKOLD CREEK, MD.		NO VESSEL TRIPS		REPORTED								
DUCK POINT COVE, MD.		NO VESSEL TRIPS		REPORTED								
ELK AND LITTLE ELK RIVERS, MD.		NO VESSEL TRIPS		REPORTED								
FISHING BAY TRIBUTARIES, WORCHESTER COUNTY, MD. TOTAL, 6 AND LESS - - - - -			1	UPBOUND	1	2			2	DOWNBOUND		2
FISHING CREEK, CALVERT COUNTY, MD.		NO VESSEL TRIPS		REPORTED								
GOOSE CREEK, SOMMERSET COUNTY, MD.		NO VESSEL TRIPS		REPORTED								
HERRING BAY AND ROCKHOLD CREEK, MD.		NO VESSEL TRIPS		REPORTED								
HERRING CREEK, MD.		NO VESSEL TRIPS		REPORTED								
HONGA RIVER AND TAR BAY, MD. TOTAL, 7 AND LESS - - - - -			4	UPBOUND	2	6			5	DOWNBOUND	1	6
ISLAND CREEK, MD.		NO VESSEL TRIPS		REPORTED								
KNAPPS NARROWS, MD. TOTAL, 8 AND LESS - - - - -			1	UPBOUND	1	2			1	DOWNBOUND	1	2
LITTLE CREEK, QUEEN ANNES COUNTY, MD.		NO VESSEL TRIPS		REPORTED								
LITTLE NICOINCO RIVER, VA. TOTAL, 3 AND LESS - - - - -	2,029		7,022	UPBOUND	7,022	16,073	2,029		7,022	DOWNBOUND	7,022	16,073
LOWER MACHODD CREEK, VA.		NO VESSEL TRIPS		REPORTED								
LOWER THROUGHFARE AT OR NEAR HENONA, DEAL ISLAND, MD.		NO VESSEL TRIPS		REPORTED								
LOWES WHARF, TALBOT COUNTY, MD.		NO VESSEL TRIPS		REPORTED								
MANOKIN RIVER, MD.		NO VESSEL TRIPS		REPORTED								
MIDDLE RIVER AND DARK HEAD CREEK, MD. TOTAL, 8 AND LESS - - - - -			60	UPBOUND	60	120			60	DOWNBOUND	60	120
MILL CREEK, MD.		NO VESSEL TRIPS		REPORTED								
MONROE BAY AND CREEK, VA.		NO VESSEL TRIPS		REPORTED								
WOODY HOOK AND TYLER COVES, MD.		NO VESSEL TRIPS		REPORTED								
NAN COVE, MD.		NO VESSEL TRIPS		REPORTED								
NANTICOKE RIVER AT BIVALVE, MD.		NO VESSEL TRIPS		REPORTED								
NANTICOKE RIVER AT NANTICOKE, MD. TOTAL, 8 AND LESS - - - - -			1	INBOUND	1	2			1	OUTBOUND	1	2
NEALE SOUND, MD.		NO VESSEL TRIPS		REPORTED								
NOMINI BAY AND CREEK, VA.		NO VESSEL TRIPS		REPORTED								
# EXCLUDES DOMESTIC FISH LANDINGS												

EXCLUDES DOMESTIC FISH LANDINGS

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HARBOR OR WATERWAY	DIRECTION					TOTAL	DIRECTION					TOTAL
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
NORTHEAST RIVER, MD.			NO VESSEL TRIPS	REPORTED								
OCEAN CITY HARBOR AND INLET AND SINEPUENT BAY, MD. TOTAL, 9 AND LESS - - - - -	351		1	INBOUND		352	351		1	OUTBOUND		352
PARISH CREEK, MD.			NO VESSEL TRIPS	REPORTED								
PATUXENT RIVER, MD. TOTAL, 15 AND LESS - - - - -			57	UPBOUND 5 40		100			61	DOWNBOUND 1 39		101
POCOMOKE RIVER, MD. TOTAL, 9 AND LESS - - - - -			213	UPBOUND 128		301			209	DOWNBOUND 126		335
POTOMAC RIVER AT ALEXANDRIA, VA. TOTAL, 22 AND LESS - - - - -	70		10	INBOUND 1		81	69		12	OUTBOUND		81
POTOMAC RIVER AT LOWER CEDAR POINT, MD.			NO VESSEL TRIPS	REPORTED								
POTOMAC RIVER AT MT. VERNON, VA. TOTAL, 19 AND LESS - - - - -	1,367			UPBOUND		1,367	1,367			DOWNBOUND		1,367
POTOMAC RIVER, VIRGINIA CHANNEL, D.C. TOTAL, 8 AND LESS - - - - -	99			INBOUND		99	99			OUTBOUND		99
POTOMAC RIVER, WASHINGTON CHANNEL, D.C. TOTAL, 19 AND LESS - - - - -	1,433		4	INBOUND		1,437	1,433		4	OUTBOUND		1,437
QUEENSTOWN HARBOR, MD.			NO VESSEL TRIPS	REPORTED								
RHODES POINT TO TYLETON, SOMERSET COUNTY, MD.			NO VESSEL TRIPS	REPORTED								
ROCK HALL HARBOR, MD.			NO VESSEL TRIPS	REPORTED								
SLAUGHTER CREEK, MD.			NO VESSEL TRIPS	REPORTED								
SMITH CREEK, MD.			NO VESSEL TRIPS	REPORTED								
ST. CATHERINES SOUND, MD.			NO VESSEL TRIPS	REPORTED								
ST. JEROME CREEK, MD.			NO VESSEL TRIPS	REPORTED								
ST. MICHAELS HARBOR, MD. TOTAL, 10 AND LESS - - - - -	93			INBOUND		93	93			OUTBOUND		93
ST. PATRICKS CREEK, MD.			NO VESSEL TRIPS	REPORTED								
ST. PETERS CREEK, MD.			NO VESSEL TRIPS	REPORTED								
TILGHMAN ISLAND HARBOR, MD.			NO VESSEL TRIPS	REPORTED								
TOWN CREEK, MD.			NO VESSEL TRIPS	REPORTED								
TRED AVON RIVER, MD. TOTAL, 11 AND LESS - - - - -	8,639		107	UPBOUND 73 23		8,842	8,639		98	DOWNBOUND 70 22		8,829
WITCH COVE AND BIG THOROUGHFARE RIVER, MD. TOTAL, 7 AND LESS - - - - -	542	12	5	UPBOUND 1		560	544	11	8	DOWNBOUND 1		564
TYASKIN CREEK, MD.			NO VESSEL TRIPS	REPORTED								
UPPER WACHJOOC CREEK, VA. TOTAL, 3 AND LESS - - - - -			1	UPBOUND 1		2			1	DOWNBOUND 1		2

EXCLUDES DOMESTIC FISH LANDINGS

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					TOTAL	DIRECTION					TOTAL
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
UPPER THOROUGHFARE, DEAL ISLAND, MD. TOTAL, 8 AND LESS - - - - -			2	2	GROUND	4			3	GROUND	1	
HARRICK RIVER, MD.			NO VESSEL TRIPS	REPORTED								
WATERWAY FROM LITTLE CHOPTANK RIVER TO CHOPTANK RIVER, MD.			NO VESSEL TRIPS	REPORTED								

EXCLUDES DOMESTIC FISH LANDINGS

NORFOLK, VA, DISTRICT

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY			DIRECTION					DIRECTION				
DRAFT (FEET)	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
NORFOLK HARBOR, VA.												
47	1			INBOUND		1	92			OUTBOUND		92
46							18					18
45							49	1				50
44							15					15
43							39					39
42	1					1	29					29
41	7	10				17	23	1				24
40	2	7				9	49	2				51
39	4	3				7	25					25
38	11	2				13	24	2				26
37	15	11				26	19	7				26
36	31	7				38	39	5				44
35	48	10				58	90	2				92
34	55	5				60	45	4				49
33	50	3				53	65	3				68
32	73	3				76	68	2			1	71
31	87	4		1		92	70	2				72
30	157	9				166	135	11			5	149
29	134	6				140	100	1			1	102
28	147	7				154	132	9				141
27	176	6		3		185	155	5		11	1	172
26	141	9		2	1	153	105	6		12		123
25	140	5		2	4	151	116	19	1	1	9	146
24	145	10		5		200	95	13			1	109
23	119	11		3		133	83	11		2	1	97
22	93	4		7	3	107	70	9		3	1	83
21	68	3		1	3	75	47	5		6	1	59
20	75	2	3	4		84	58	11	2	2	3	76
19	43	8		24	5	80	44	7	1	4	4	60
18 AND LESS	973	1,155	6,518	4,431	1,548	16,675	960	1,206	7,556	4,526	1,532	15,780
TOTAL	2,916	1,300	6,521	4,483	1,560	16,784	2,859	1,344	7,560	4,567	1,558	17,898
NEWPORT NEWS CREEK, VA.												
10		140	434	INBOUND		574		9	380	DOWNBOUND		389
9					434	434						
8			7			7			8			8
7			23			23			27			27
6 AND LESS	440	182	4			626	440	304	58	434		1,236
TOTAL	440	322	468	434		1,664	440	313	473	434		1,660
HAMPTON ROADS, VA.												
47	1			INBOUND		1	151			OUTBOUND		151
46	1					1	35					35
45							77	1				78
44		1				1	37					37
43							62					62
42	2					2	50					50
41	10	10				20	26	1				27
40	8	7				15	59	3				62
39	9	6				15	40					40
38	17	3				20	35	2				37
37	21	12				33	25	7				32
36	34	7				41	50	5				55
35	57	11				68	97	2				99
34	61	6				67	53	4				57
33	60	4				64	82	3				67
32	82	5				87	77	2			1	80
31	109	8		1		118	87	2				89
30	183	11			1	195	152	13			3	168
29	153	8				161	107	1			1	109
28	230	9				239	146	11				157
27	209	6		3		218	141	7		11	1	200
26	144	11		2		177	117	7		12	1	137
25	234	6		2	6	248	130	20	1	1	4	160
24	214	11		5	1	231	109	15			1	125
23	159	14		3		176	102	14		2	1	119
22	114	4		7	3	128	79	11		3	1	94
21	82	3		1	5	91	52	7		22		81
20	98	4	3	4	1	110	72	18	2	15	2	109
19	51	9		24	7	91	53	8	1	4	2	68
18 AND LESS	1,903	1,263	10,374	5,700	1,656	20,896	1,699	1,245	10,430	5,742	1,619	20,755
TOTAL	4,266	1,439	10,377	5,752	1,680	23,514	4,042	1,409	10,434	5,832	1,641	23,358
CHANNEL TO NEWPORT NEWS, VA.												
44	126			EASTBOUND		126	1	1		WESTBOUND		2
43	23					23						
42	21					21	1					1
41	3					3	3					3
40	10	1				11	6					6
39	15					15	5	3				9
38	11					11	6	1				7
37	6					6	6	1				7
36	11					11	3					3
35	7					7	9	1				10
34	9					9	6	1				7
33	17					17	10	1				11
32	19					19	9	2				11
31	17					17	22	4				26

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NORFOLK, VA, DISTRICT

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL
	DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO		TANKER	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	
CHANNEL TO NEWPORT NEWS, VA.--(CONTINUED)					EASTBOUND					WESTBOUND		
30 -	17	2				19	26	2			2	30
29 -	7					7	19	2				21
28 -	14	2				16	43	2				45
27 -	27	2				29	33					33
26 -	12	1			1	14	23	2				25
25 -	21	1		1	8	31	54	1			3	58
24 -	31	2		1		34	30	1			1	32
23 -	33	3				38	47	4				51
22 -	32	3		1		36	38	6			2	46
21 -	30	5		16		51	44				1	45
20 -	14	7		15		56	52	4				56
19 -	20	2		22	1	45	33	1			2	36
18 AND LESS-	451	586	6,304	6,094	629	13,986	475	516	6,196	6,169	568	13,924
TOTAL-	1,017	539	6,304	6,130	639	14,649	1,004	556	6,196	6,169	579	14,504
PORT OF NEWPORT NEWS, VA.					INBOUND					OUTBOUND		
46 -	1					1	76					76
45 -							28					28
44 -		1				1	22					22
43 -							23					23
42 -	1					1	71					71
41 -	3					3	3					3
40 -	6					6	10	1				11
39 -	5	3				8	15					15
38 -	6	1				7	11					11
37 -	3					3	6					6
36 -	9					9	11					11
35 -	6					10	7					7
34 -	6	1				7	8					8
33 -	10	1				11	17					17
32 -	9	2				11	9					9
31 -	22	4				26	17					17
30 -	26	2			2	30	17	2				19
29 -	19	2				21	7					7
28 -	43	2				45	14	2				16
27 -	33					33	26	2				28
26 -	23	2				25	12	1			1	14
25 -	54	1			3	58	14	1				15
24 -	29	1			1	31	14	2				16
23 -	40	3				43	19	3				22
22 -	21					21	9	2				11
21 -	14				1	15	5	2			16	23
20 -	23	2				25	14	7			13	34
19 -	8					9	9	1				10
18 AND LESS-	579	586	4,494	576	286	6,441	569	511	4,524	542	246	6,392
TOTAL-	999	537	4,494	576	293	6,899	1,013	537	4,524	571	247	6,892
JAMES RIVER, VA.					UPBOUND					DOWNBOUND		
23 -	8	1				9	43			2	8	53
22 -	17	6			2	25	23	1		1		25
21 -	30					30	25	3				28
20 -	29	2				31	70			2		22
19 -	25				2	27	11	1		22	1	35
18 -	23					23	14	3				17
17 -	2		3		7	12	7		2	1		11
16 -	7		41	109	17	174	13		45	15	6	79
15 -	7		8		109	124	6		8	21	109	144
14 -	7		109		10	117	8		96	34		143
13 -	3		12		26	41	1		11	1	2	15
12 AND LESS-	10,931	2	6,424	10,451	251	28,059	10,917	2	6,417	10,440	248	28,074
TOTAL-	11,089	11	6,508	10,560	424	28,672	11,048	11	6,579	10,544	424	28,646
PORT OF RICHMOND, VA.					INBOUND					OUTBOUND		
32 -							1					1
25 -							3				8	8
24 -							1					3
23 -	1					1	1					1
22 -	15				2	17	18					18
21 -	26					26	23					23
20 -	18					18	15					15
19 -	17				2	19	10				1	11
18 -	11					11	12					12
17 -	1					1	7					7
16 -	4		3		7	11			2			9
15 -	2		7		17	25	11		4		6	21
14 -	5		7		73	82	6		7			13
13 -	3		26		10	41	8		22		73	103
12 AND LESS-	17		10	1,154	107	2,110	30	1	11	1	2	15
TOTAL-	126		832	1,154	235	2,391	121		833	1,152	153	2,143
PORT OF HOPEWELL, VA.					INBOUND					OUTBOUND		
34 -							1					1
27 -							1					1
25 -							7					7
24 -	1					1	14			1		15
23 -	6	1				7	15					15

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS	
	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER
DRAFT (FEET)										
PORT OF HOPEWELL, VA. (CONTINUED)						OUTBOUND				
22 -	2	6				5	1			7
21 -	4					2	3			5
20 -	11	2				5			2	7
19 -	8					1	1		22	24
18 -	12					2	3			5
17 -	1						1		1	2
16 -	3		2			2		4	15	23
15 -	5		1		70			1	21	22
14 -	5								39	39
13 -	2									
12 AND LESS -	2		191	143	64			204	35	155
TOTAL -	57	9	196	143	161	55	9	211	138	155
LITTLE RIVER (CREEK), VA.						DOWNBOUND				
15 -			2					1		1
14 -			61					61		61
13 -			94	359				32	355	387
12 -			434		1			434		434
11 -			50		14			43		74
10 -			159	254	2			159		159
9 -			5	142				4	146	152
8 -			27	41				24	40	65
7 -		1	6					3		3
6 -		5	2					7		8
5 -		2								3
4 -	35			1	1				1	3
3 -					5	35			254	12
2 -										266
TOTAL -	35	8	800	797	23	35	8	788	796	25
HAMPTON CREEK, VA.						DOWNBOUND				
10 -		68	376					359		359
9 -		4		748	2					
8 -		21	3		5			9		9
7 -	93		203			93		261		354
6 AND LESS -	167	25	10		4	166	119	32	748	11
TOTAL -	260	118	674	748	11	261	119	661	748	11
APPOMATTOX RIVER, VA.						DOWNBOUND				
10 -			602		6			879		879
9 -			8		2			8	2,130	1
8 -					2					1
7 -										2
6 -										5
5 -					1					3
4 -					3					3
3 -					1					2
2 -			75	2,130	1					
TOTAL -			685	2,130	15			887	2,130	14
ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND THE ST. JOHNS RIVER, FLA. (NORFOLK DISTRICT) VIA GREAT BRIDGE LOCK						NORTHBOUND				
12 -			40					39		39
11 -			23	15				27		27
10 -			629	31	33			692	14	834
9 -	1		127	115		1		160	983	1,144
8 -	9		114	91		3	2	105	17	127
7 -	1		100	9				90	6	96
6 AND LESS -	1	2	50	992	100	2		14	310	1
TOTAL -	12	2	1,091	1,257	133	6	2	1,127	1,330	129
BLACKWATER RIVER, VA.						DOWNBOUND				
9 -			1					1		1
7 -			159	696				113	6	121
4 -				10				28	923	951
2 -									132	132
TOTAL -			160	706				142	663	805
YORK RIVER, VA.						DOWNBOUND				
37 -	5	32					2			2
36 -		6					1			1
35 -		5				1	1			2
34 -	1	6					2			2
33 -		4								
32 -		2			1	1	2			3
31 -		1				1	1			1
30 -		1				1	3			3
29 -		1				1	1			1
28 -		1				1	6		1	7
27 -						1	6		2	3
26 -							3			3
25 -							11			11

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NORFOLK, VA, DISTRICT

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION						DIRECTION					
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL
YORK RIVER, VA.--(CONTINUED)												
24 - - - - -							1	5				7
23 - - - - -							1	4				5
22 - - - - -								7			15	22
21 - - - - -		2				2		3			13	13
20 - - - - -					10	10		4			2	5
19 - - - - -					302	1,695	305	16	795	279	272	1,667
18 AND LESS - - - - -	311	9	794	279								
TOTAL - - - - -	315	70	794	279	313	1,771	315	74	795	279	308	1,771
ABENDEEN CREEK, VA.												
TOTAL, 2 AND LESS - - - - -	200					200	200					200
ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND THE ST. JOHN'S RIVER, FLA. (NORFOLK DISTRICT) DISMAL SWAMP CANAL AND PASQUOTANK RIVER												
TOTAL, 10 AND LESS - - - - -			169			399			295			600
BEACH CREEK, VA.												
TOTAL, 3 AND LESS - - - - -	81					81	81					81
BROAD CREEK, VA.												
TOTAL, 6 AND LESS - - - - -	537					537	537					537
CAPE CHARLES CITY HARBOR, VA.												
TOTAL, 16 AND LESS - - - - -	577		696			1,684	577		707			1,696
CARTERS CREEK, VA.												
TOTAL, 6 AND LESS - - - - -	922					922	942					942
CHANNEL CONNECTING YORK RIVER, VA., WITH BACK CREEK TO SLAUGHTS WHARF, VA.												
TOTAL, 8 AND LESS - - - - -	225					225	225					225
CHANNEL FROM PHOEBUS, VA. TO DEEP WATER IN HAMPTON ROADS, VA.												
	NO VESSEL TRIPS REPORTED											
CHESCONESSEX CREEK, VA.												
TOTAL, 4 AND LESS - - - - -	290					290	285					285
CHINCOTEAGUE BAY, MD. AND VA.												
TOTAL, 10 AND LESS - - - - -	1,917					1,917	1,394					1,394
CHINCOTEAGUE HARBOR OF REFUGE, VA.												
TOTAL, 4 AND LESS - - - - -	30					30	30					30
CRANES CREEK, VA.												
TOTAL, 3 AND LESS - - - - -	18					18	18					18
DAVIS CREEK, VA.												
TOTAL, 4 AND LESS - - - - -	302					302	303					303
DEEP CREEK, ACCOMACK COUNTY, VA.												
TOTAL, 4 AND LESS - - - - -	50					50	50					50
DEEP CREEK, NEWPORT NEWS, VA.												
TOTAL, 3 AND LESS - - - - -	47					47	46					46
DELAWARE BAY - CHESAPEAKE BAY WATERWAY - VIRGINIA PORTION												
TOTAL, 10 AND LESS - - - - -	1,721		1			1,723	1,721		4		2	1,727
DYMERS CREEK, VA.												
	NO VESSEL TRIPS REPORTED											
GREENVALE CREEK, VA.												
	NO VESSEL TRIPS REPORTED											
HO-WN HARBOR, VA.												
	NO VESSEL TRIPS REPORTED											
HOBKINS CREEK, VA.												
TOTAL, 9 AND LESS - - - - -			6			9			6		3	9

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	DRAFT (FEET)	SELF PROPELLED VESSELS			TOTAL	SELF PROPELLED VESSELS			TOTAL	
		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT		
JACKSON CREEK, VA. TOTAL, 5 AND LESS - - - - -	117			UPBOUND	117	117			DOWNBOUND	117
KINGS CREEK, NORTHAMPTON COUNTY, VA. TOTAL, 8 AND LESS - - - - -	94			UPBOUND	94	94			DOWNBOUND	94
LAFAYETTE RIVER, VA. TOTAL, 6 AND LESS - - - - -				UPBOUND	3			2	DOWNBOUND	2
LITTLE MACHIPONGO RIVER, VA.				NO VESSEL TRIPS REPORTED						
LOCKLIES CREEK, VA. TOTAL, 5 AND LESS - - - - -	496			UPBOUND	496	496			DOWNBOUND	496
LYNHAVER ROADS, INLET, AND CONNECTING WATERS, VA. TOTAL, 8 AND LESS - - - - -		1	14	UPBOUND	16		1	12	DOWNBOUND	14
MATTAPONI RIVER, VA.				NO VESSEL TRIPS REPORTED						
MEMPHIS RIVER, N. C.				NO VESSEL TRIPS REPORTED						
MILFORD HAVEN, VA. TOTAL, 8 AND LESS - - - - -	50			UPBOUND	50	50			DOWNBOUND	50
MILL CREEK, VA.				NO VESSEL TRIPS REPORTED						
MULBERRY CREEK, VA.				NO VESSEL TRIPS REPORTED						
NANDUA CREEK, VA.				NO VESSEL TRIPS REPORTED						
NANSEMOND RIVER, VA. TOTAL, 10 AND LESS - - - - -			8	UPBOUND	23			6	DOWNBOUND	23
NOCONANNOCK CREEK, VA. TOTAL, 8 AND LESS - - - - -	20			UPBOUND	20	20			DOWNBOUND	20
ONANEDCA RIVER, VA. TOTAL, 10 AND LESS - - - - -	128	69	18	UPBOUND	222	178	69	16	DOWNBOUND	221
OYSTER CHANNEL, VA. TOTAL, 9 AND LESS - - - - -	46			UPBOUND	46	46			DOWNBOUND	46
PAGAN RIVER, VA.				NO VESSEL TRIPS REPORTED						
PANUNKEY RIVER, VA. TOTAL, 8 AND LESS - - - - -	30		70	UPBOUND	132	30		78	DOWNBOUND	140
PARKER CREEK, VA.				NO VESSEL TRIPS REPORTED						
PARROTTS CREEK, VA.				NO VESSEL TRIPS REPORTED						
QUEENS CREEK, VA.				NO VESSEL TRIPS REPORTED						
QUINBY CREEK, VA. TOTAL, 6 AND LESS - - - - -	25			UPBOUND	25	25		1	DOWNBOUND	26
RAPPAHANNOCK RIVER, VA. TOTAL, 10 AND LESS - - - - -	3,577		34	UPBOUND	3,633	3,577		31	DOWNBOUND	3,627
STARLINGS CREEK, VA.				NO VESSEL TRIPS REPORTED						
TANGIER CHANNEL, VA. TOTAL, 12 AND LESS - - - - -	975	12	6	UPBOUND	993	975	12	6	DOWNBOUND	995
TOTUSKEY CREEK, VA. TOTAL, 10 AND LESS - - - - -			22	UPBOUND	38			22	DOWNBOUND	38
TYLERS BEACH, VA.				NO VESSEL TRIPS REPORTED						

Waterborne Commerce of the United States, 1986

NORFOLK, VA, DISTRICT

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION						DIRECTION					
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
URBANNA CREEK, VA. TOTAL, 3 AND LESS - - - - -	40				JPSHUND	40	40				JPSHUND	40
WILLOUGHBY CHANNEL, VA. TOTAL, 7 AND LESS - - - - -			20		JPSHUND	20			20		JPSHUND	20
WINTER HARBOR, VA.		NO VESSEL TRIPS		REPORTED								
WISART POINT CHANNEL, VA.		NO VESSEL TRIPS		REPORTED								

WILMINGTON, NC, DISTRICT

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					TOTAL	DIRECTION					TOTAL
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
CHOWAN RIVER, N. C.				UPBOUND					DOWNBOUND			
9 - - - - -			1			1		10			10	
7 - - - - -			150	674		824		113	31		144	
6 AND LESS - - - - -				10		10		28	655		683	
TOTAL - - - - -			151	684		835		151	686		837	
PAMLICO AND TAR RIVERS, N. C.				UPBOUND				8	DOWNBOUND			
10 - - - - -									685		693	
9 - - - - -			4	236	240				1	107	108	
8 - - - - -			564		564			564			564	
7 - - - - -			5		5			7			7	
6 AND LESS - - - - -			73	688	206	967		69	2	335	406	
TOTAL - - - - -			644	688	492	1,774		648	688	442	1,778	
ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND THE ST. JOHNS RIVER, FLA. (WILMINGTON DISTRICT)				NORTHBOUND					SOUTHBOUND			
12 - - - - -			40	4	44			37			37	
11 - - - - -			23	15	38			27			27	
10 - - - - -			76	40	116			109	688	4	805	
9 - - - - -	1		150	146	296		1	166	59	109	335	
8 - - - - -	37		674	121	10	842	35	2	698	17	757	
7 - - - - -	1		197	17	2	217	1		189	12	204	
6 AND LESS - - - - -	1,770	2	104	784	215	2,875	1,769		107	373	416	
TOTAL - - - - -	1,809	2	1,246	1,127	511	4,695	1,806	2	1,333	1,149	4,830	
MOOREHEAD CITY HARBOR, N. C.				INBOUND					OUTBOUND			
34 - - - - -	3	4			7	36	14				50	
33 - - - - -	1	13			14	3	3				6	
32 - - - - -	3	1			4	2					2	
31 - - - - -		4			4	2	1				3	
30 - - - - -	3	3			6	5					5	
29 - - - - -	2	5			7	1	1				2	
28 - - - - -	3	3			6	4	2				6	
27 - - - - -	3	1			4	1					1	
26 - - - - -	6	6			12	7	1				8	
25 - - - - -	7	2			9	1	4				5	
24 - - - - -	14	5			19	9	11				20	
23 - - - - -	12	4		1	17	4	5			1	18	
22 - - - - -	3	2			5	7	5				12	
21 - - - - -	14	3			17	3	4				7	
20 - - - - -	7	3			10	4	2				6	
19 - - - - -	11	1			12	3	5				8	
18 AND LESS - - - - -	992	4	1,077	722	498	3,293	991	6	1,077	724	498	
TOTAL - - - - -	1,084	64	1,077	722	499	3,446	1,083	64	1,077	724	499	
PORT OF WILMINGTON, N. C.				INBOUND					OUTBOUND			
40 - - - - -						1		1			1	
39 - - - - -		1				1						
38 - - - - -		2				2						
37 - - - - -	2	10	1			13			1		1	
36 - - - - -	4	10				14	1				1	
35 - - - - -	2	11				13	9	2			12	
34 - - - - -	7	11				18	13	5			18	
33 - - - - -	19	25				44	56	5			61	
32 - - - - -	51	23		1		75	36	5			81	
31 - - - - -	42	16		1		59	20	14			74	
30 - - - - -	26	21				47	25	20			67	
29 - - - - -	35	24		2		61	58	25			83	
28 - - - - -	77	17		1		95	43	14		1	109	
27 - - - - -	41	16				57	24	26			83	
26 - - - - -	44	30				74	29	15			99	
25 - - - - -	30	16				46	36	25			61	
24 - - - - -	34	9				43	39	18			61	
23 - - - - -	47	6		1	9	63	44	6			73	
22 - - - - -	31	3			7	41	34	23			68	
21 - - - - -	24	9	5		2	40	22	13	5		58	
20 - - - - -	6	2		2		10	26	11			37	
19 - - - - -	7	2		1	6	16	15	13			29	
18 AND LESS - - - - -	2,896	1	411	213	526	4,047	2,895	30	417	167	550	
TOTAL - - - - -	3,425	265	417	217	557	4,601	3,425	273	423	167	556	
WILMINGTON HARBOR, N. C.				UPBOUND					DOWNBOUND			
39 - - - - -		1				1		1			1	
38 - - - - -		2				2						
37 - - - - -	2	10	1			13			1		1	
36 - - - - -	4	10				14	1				1	
35 - - - - -	2	12				14	9	1			10	
34 - - - - -	7	11				18	13	5			18	
33 - - - - -	19	25				44	56	5			61	
32 - - - - -	51	23		1		75	36	5			81	
31 - - - - -	42	16		1		59	20	14			74	
30 - - - - -	26	21				47	25	20			67	
29 - - - - -	35	24		2		61	58	25			83	

EXCLUDES DOMESTIC FISH LANDINGS

WILMINGTON, NC, DISTRICT

TRIPS AND DRAFTS OF VESSELS #

HARBOR OR WATERWAY	DIRECTION						DIRECTION							
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS			TOTAL	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS			TOTAL
	DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		
WILMINGTON HARBOR, N. C. (CONTINUED)					UPBOUND							DOWNBOUND		
26 - - - - -	77	17				1	95	43	14				1	56
27 - - - - -	41	16					57	24	26					50
28 - - - - -	44	30					74	29	15					44
25 - - - - -	30	16					46	36	25					41
24 - - - - -	34	9				2	45	39	18				3	60
23 - - - - -	47	6			1	9	63	44	8				1	53
22 - - - - -	31	3				7	41	34	23				1	58
21 - - - - -	24	9	6			2	41	22	13	4				39
20 - - - - -	6	2			2	1	10	26	11					37
19 - - - - -	7	2			1	6	16	15	13					28
18 AND LESS - - - - -	2,903	1	566	315	559		4,344	2,904	30	584	297	585		4,480
TOTAL - - - - -	3,432	266	573	319	590		5,190	3,434	272	589	297	591		5,193
NORTHEAST (CAPE FEAR) RIVER, N. C.					UPBOUND							DOWNBOUND		
11 - - - - -						66	66							
10 - - - - -					7	237	244							
9 - - - - -						4	4							
8 - - - - -	29		116			24	169	30		116				146
7 - - - - -			53			3	56			53				53
6 - - - - -			10				10			10				10
5 - - - - -					1	1	1							
4 - - - - -											7	335		342
TOTAL - - - - -	29		179	6	335		551	30		179	7	335		551
ATLANTIC BEACH CHANNELS, N. C.					INBOUND							OUTBOUND		
TOTAL, 7 AND LESS - - - - -	400		4		2		406	400		4		2		406
AVON HARBOR, N. C.					NO VESSEL TRIPS REPORTED									
BAY RIVER, N. C.					UPBOUND							DOWNBOUND		
TOTAL, 6 AND LESS - - - - -			1				1			1				1
BEAUFORT HARBOR, N. C.					INBOUND							OUTBOUND		
TOTAL, 12 AND LESS - - - - -	170	1	1				172	169		1				170
BELHAVEN HARBOR, N. C.					INBOUND							OUTBOUND		
TOTAL, 7 AND LESS - - - - -			3				3			3				3
CAPE FEAR RIVER ABOVE WILMINGTON, N. C.					UPBOUND							DOWNBOUND		
TOTAL, 15 AND LESS - - - - -	21		102	36	114		273	24		95	33	104		258
CASHIE RIVER, N. C.					NO VESSEL TRIPS REPORTED									
CHANNEL CONNECTING THOROUGHFARE BAY WITH CEDAR BAY, N. C.					NO VESSEL TRIPS REPORTED									
CHANNEL FROM BACK SOUND TO LOOKOUT BIGHT, N. C.					NO VESSEL TRIPS REPORTED									
CHANNEL FROM PAHLICU SOUND TO RODANTHE, N. C.					NO VESSEL TRIPS REPORTED									
CHANNEL TO BOGUE INLET, N. C.					UPBOUND							DOWNBOUND		
TOTAL, 6 AND LESS - - - - -	784						784	784						784
DRUM INLET, N. C.					NO VESSEL TRIPS REPORTED									
EDENTON HARBOR, N. C.					INBOUND							OUTBOUND		
TOTAL, 7 AND LESS - - - - -			39	146			185			41	150			191
FAR CREEK, N. C.					UPBOUND							DOWNBOUND		
TOTAL, 11 AND LESS - - - - -			1		8		9			1	6			9
KNOBBS CREEK, N. C.					UPBOUND							DOWNBOUND		
TOTAL, 9 AND LESS - - - - -			68	70			138			56	70			126
LOCKWOODS FOLLY RIVER, N. C.					NO VESSEL TRIPS REPORTED									
WACKAY CREEK, N. C.					NO VESSEL TRIPS REPORTED									
WATNS HARBOR, N. C.					NO VESSEL TRIPS REPORTED									
# EXCLUDES DOMESTIC FISH LANDINGS														

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HARBOR OR WATERWAY	DIRECTION					TOTAL	DIRECTION					TOTAL
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
DRAFT (FEET)												
WANTED (SHALLOWBAG) BAY, N. C. TOTAL, 0 AND LESS - - - - -	60	2		UPBOUND		62	60	2		DOWNBOUND		
NEUSE RIVER, N. C. TOTAL, 10 AND LESS - - - - -	22		44	UPBOUND 32 36		136	24		46	DOWNBOUND 31 37	136	
NEW RIVER, N. C. TOTAL, 6 AND LESS - - - - -	216			UPBOUND		216	216			DOWNBOUND	216	
OCRACOKE INLET, N. C. TOTAL, 6 AND LESS - - - - -	967			UPBOUND		967	967			DOWNBOUND	967	
PERQUIMANS RIVER, N. C.				NO VESSEL TRIPS REPORTED								
ROANOKE RIVER, N. C. TOTAL, 12 AND LESS - - - - -			115	UPBOUND 242		357			119	DOWNBOUND 242	361	
ROLLINSON CHANNEL, N. C.				NO VESSEL TRIPS REPORTED								
SCUPPERNON RIVER, N. C.				NO VESSEL TRIPS REPORTED								
SHALLOTTE RIVER, N. C.				NO VESSEL TRIPS REPORTED								
SILVER LAKE HARBOR, N. C. TOTAL, 9 AND LESS - - - - -	2,194			INBOUND		2,194	2,194			OUTBOUND	2,194	
SMITHS CREEK (PAMLICO COUNTY), N. C.				NO VESSEL TRIPS REPORTED								
SMITHS CREEK (WILMINGTON), N. C.				NO VESSEL TRIPS REPORTED								
SOUTH RIVER, N. C. TOTAL, 6 AND LESS - - - - -			1	UPBOUND 2		3			1	DOWNBOUND 2	3	
STUMPY POINT BAY, N. C.				NO VESSEL TRIPS REPORTED								
TRENT RIVER, N. C. TOTAL, 7 AND LESS - - - - -			6	UPBOUND 12		18			6	DOWNBOUND 12	18	
WANCHESSE HARBOR, N. C. TOTAL, 4 AND LESS - - - - -	30			INBOUND		30	30			OUTBOUND	30	
WATERWAY - NORFOLK, VA. TO SOUNDS OF NORTH CAROLINA TOTAL, 8 AND LESS - - - - -			2	UPBOUND 8		16		2		DOWNBOUND 8	16	
WATERWAY CONNECTING PAMLICO SOUND AND BEAUFORT HARBOR, N. C. TOTAL, 6 AND LESS - - - - -	752			UPBOUND		752	752			DOWNBOUND	752	
WATERWAY CONNECTING SHAN QUARTER BAY WITH DEEP BAY, N. C. TOTAL, 7 AND LESS - - - - -	780			UPBOUND		780	780			DOWNBOUND	780	
WRIGHTS CREEK, N. C.				NO VESSEL TRIPS REPORTED								

EXCLUDES DOMESTIC FISH LANDINGS

Waterborne Commerce of the United States, 1986

CHARLESTON, SC, DISTRICT

TRIPS AND DRAFTS OF VESSELS #

DRAFT (FEET)	SELF PROPELLED VESSELS			DIRECTION		TOTAL	SELF PROPELLED VESSELS			DIRECTION		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	NON-SELF PROPELLED VESSELS			PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	NON-SELF PROPELLED VESSELS		
				DRY CARGO	TANKER					DRY CARGO	TANKER	
ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND THE ST. JOHNS RIVER, FLA. (CHARLESTON DISTRICT)												
12 - - - - -	19		11	NORTHBOUND		31	19	1	7	SOUTHBOUND		27
11 - - - - -	3		4			45	3		4			52
10 - - - - -			22	21	8	51			21	30	8	59
9 - - - - -	1		34	24	32	91	2		29	65	2	91
8 - - - - -	13		295	106	36	452	14		328	18	5	365
7 - - - - -	103		207	6	2	318	102		191	5	2	300
6 AND LESS - - - - -	318		122	138	25	603	318		115	177	127	731
TOTAL - - - - -	457		605	295	144	1,591	458	1	605	295	144	1,591
GEORGETOWN HARBOR, S. C. (KIMYAH BAY)												
30 - - - - -	1			INBOUND		1				OUTBOUND		
29 - - - - -	1					1						
28 - - - - -	5					5						
27 - - - - -	5					5						
26 - - - - -	3					3	1					1
25 - - - - -	3					3	4					4
24 - - - - -	5					6	3					3
23 - - - - -	5					5	2					2
22 - - - - -	1					1	6					6
21 - - - - -	2					2	5					5
20 - - - - -	2					2	10					10
19 - - - - -	1					1	2			1		2
18 - - - - -	2					2	1					1
17 - - - - -				1		1	3					3
16 - - - - -						1	1					1
15 - - - - -	1					1	1					1
14 - - - - -	1					1	1					1
12 AND LESS - - - - -			134	48	3	185	1		136	50	3	190
TOTAL - - - - -	40		134	49	3	226	40		136	51	3	230
CHARLESTON HARBOR, S. C.												
30 - - - - -				INBOUND						OUTBOUND		
29 - - - - -	1					1	6					6
28 - - - - -						3	3					3
27 - - - - -	2	2	1			2	2		1			3
26 - - - - -	12					2	3					3
25 - - - - -	20					24	8					8
24 - - - - -	32					26	17					18
23 - - - - -	15					47	31	1				35
22 - - - - -	6					54	55	6				61
21 - - - - -	63	9		9		72	49	2				91
20 - - - - -	54	4				58	55	11				66
19 - - - - -	65	13				78	51	12				6

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[illegible]

Waterborne Commerce of the United States, 1986

SAVANNAH, GA, DISTRICT

TRIPS AND DRAFTS OF VESSELS #

HARBOR OR WATERWAY	DIRECTION						DIRECTION					
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL
	DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO		TANKER	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	
SAVANNAH HARBOR, GEORGIA												
18	1	4				5	14	2				16
37	12	4				16	17	1				18
35	38	10				48	44	3				47
35	46	34				80	60	10				70
34	112	16				128	112	7				119
33	111	5	1			117	72	5				77
32	132	10			3	145	109	10				119
31	93	10			1	104	94	7				101
30	105	24			1	130	138	13			1	152
29	101	19			1	121	105	15				120
28	110	18			6	134	120	14			1	139
27	96	15				111	105	13				119
26	114	15		1		136	117	13				130
25	106	13			1	126	128	16				145
24	97	23			1	125	75	30			1	107
23	97	8			1	102	98	11			1	110
22	68	4		1	2	75	45	12		1		78
21	48	10	12		2	72	37	14	15		2	68
20	40	5	18	1		64	49	18	14	1		82
19	32	3		1	1	37	15	15		1	17	48
18 AND LESS	795	13	791	275	367	2,241	775	30	794	276	369	2,244
TOTAL	2,350	263	622	279	391	4,105	2,349	263	823	279	395	4,109
ATLANTIC INTRACASTAL WATERWAY BETWEEN NORFOLK, VA., AND THE ST. JOHN'S RIVER, FLA. (SAVANNAH DISTRICT)												
12				11	1	12			10			10
11				4	59	63			6		9	15
10				13	19	32			15	25		40
9	1			48	24	77	2		49	47	3	101
8	12			302	101	62	477	11	277	126	5	419
7	1			328	6	2	337		312	6	61	379
6 AND LESS	56			172	262	98	508	40	183	128	222	553
TOTAL	70			878	393	318	1,659	73	812	332	300	1,517
BRUNSWICK HARBOR, GEORGIA												
32	3					3						
31	18					18	1					1
30	3					3	6					6
29	3					3	11					11
28	7					7	9					9
27	11					11	7					7
26	12					12	5					5
25	7					7	2					2
24	7					7	6					6
23	6					6	6					6
22	49					49	14					14
21	9					9	9					9
20	2					2	6					6
19	1					1	10					10
18	1					1	15					16
17			17			17	6		11	2		19
16			1			1	3		6	1		12
15	3					3	3				1	4
14	2					2						
13	3					3			1			1
12 AND LESS	36			476	217	219	940	64	474	211	215	964
TOTAL	184			494	217	219	1,114	183	494	215	216	1,108
ALTAMAHA RIVER, GA.												
				NO VESSEL TRIPS	REPORTED							
SARIENT HARBOR, GA.												
				NO VESSEL TRIPS	REPORTED							
SATILLA RIVER, GA.												
				NO VESSEL TRIPS	REPORTED							
SAVANNAH RIVER BELOW AUGUSTA, GA.												
TOTAL, 9 AND LESS				3			3		2			2
ST. MARYS RIVER, GA. AND FLA.												
TOTAL, 11 AND LESS				36	1	32	69		38		32	72
# EXCLUDES DOMESTIC FISH LANDINGS												

JACKSONVILLE, FL, DISTRICT

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION						DIRECTION					
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL
ATLANTIC INTRACOASTAL WATERWAY BETWEEN VORFOLK, VA., AND THE ST. JOHNS RIVER, FLA. (JACKSONVILLE DISTRICT)												
12 -	13		8	NORTHBOUND			14		15	SOUTHBOUND		
11 -	1		8		69	70	1				9	38
10 -			8		22	28			6	23		1
9 -	1		43	1	84	129	2		41	25	1	29
8 -	8		157	2	38	145	9		155	109		273
7 -	1		201	15	1	218			208	7	59	274
6 AND LESS -	1		136	183	75	397	2		116	41	212	371
TOTAL -	25		535	203	289	1,052	28		541	205	281	1,055
JACKSONVILLE HARBOR, FLA.												
35 -	15	36	26	INBOUND			8	17	33	OUTBOUND		
34 -	2	26			1	31	3	2	3		2	66
33 -	3	12			1	16	4	8			1	10
32 -	20	14			10	44	6	6			1	13
31 -	26	4			1	31	8	6				13
30 -	39	12			15	56	26	12			4	42
29 -	83	14			109	87	7		1		1	96
28 -	100	21			21	142	122	16	1		5	146
27 -	141	16			7	164	147	13			8	168
26 -	173	17	7		4	201	146	11	5		17	179
25 -	132	6			2	142	110	18	1		1	130
24 -	84	10	1		4	99	102	17			3	122
23 -	71	7		2	1	81	71	4			2	77
22 -	42	5	3	2		52	56	13	2		1	72
21 -	29	4	10	4	1	48	58	11	10		1	80
20 -	16	3	96		2	117	19	6	102		2	129
19 -	11	3	19	3	1	37	24	23	14		2	63
18 AND LESS -	126	9	1,557	324	1,081	3,097	147	29	1,578	332	1,111	3,197
TOTAL -	1,150	223	1,771	335	1,159	4,588	1,144	221	1,750	332	1,170	4,617
ST. JOHNS RIVER, FLA., JACKSONVILLE TO LAKE HARVEY												
11 -				UPBOUND						DOWNBOUND		
10 -					25	25						
9 -					7	7	1		2			3
8 -			49		106	155			51	1		52
7 -			104	6	80	190			105	1		196
6 -			97	1		98			92	4		96
5 -	318		35			35	1		29	1		31
4 -	1			1	1	319	319				3	322
3 -				3		3	1			1		2
2 -				2	7	9			12	6	224	242
TOTAL -	319		285	13	226	843	322		291	17	227	857
INTRACOASTAL WATERWAY, JACKSONVILLE TO MIAMI, FLA.												
12 -			18	NORTHBOUND					18	SOUTHBOUND		
11 -			4		8	106			4		28	32
10 -			68		1	69			71			71
9 -			6		3	9			12	2	7	22
8 -	11		51		1	70	19		42	2	2	45
7 -	18		47		2	67	17		42	2	1	62
6 AND LESS -	5,336		43	56	22	5,457	5,440		26	52	82	5,600
TOTAL -	5,365		237	71	123	5,796	5,477		215	58	120	5,870
CANAVEL HARBOR, FLA.												
36 -	3			INBOUND						OUTBOUND		
35 -	12	3				15						2
34 -	5	13				18	1		1			2
33 -	4	5				9	2					5
32 -	4	2				7	3		2			3
31 -	3	5			1	8	2		1			70
30 -	74	3				78	49		1			117
29 -	108	4			1	113	112		4		1	9
28 -	10	1				11	3		6			16
27 -	21	5				26	13		3			12
26 -	5	3				8	7		5			14
25 -	9	1			1	11	10		4			8
24 -	3	2				5	4		4			7
23 -	12				1	13	24		6			16
22 -	5	1				6	7		2			17
21 -	6					6	14		2			7
20 -	1		1		1	2	13		1			17
19 -	5	1		64	198	904	564		5	61	112	909
18 AND LESS -	561	1	170									
TOTAL -	851	50	171	64	114	1,250	852	50	168	61	113	1,244
PALM BEACH HARBOR, FLA.												
35 -		3		INBOUND						OUTBOUND		
33 -						3		1				1
32 -	2					2		1				4

EXCLUDES DOMESTIC FISH LANDINGS

Waterborne Commerce of the United States, 1986

JACKSONVILLE, FL, DISTRICT

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF-PROPELLED VESSELS			NON SELF-PROPELLED VESSELS		TOTAL	SELF-PROPELLED VESSELS			NON SELF-PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT*	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT*	DRY CARGO	TANKER	
PALM BEACH HARBOR, FLA.--(CONTINUED)												
31		1		INBOUND		1			OUTBOUND			
30	1					1						
29	3	4				7		3				3
28	10	3				13	1	1				4
27	4	1				5		1				2
26	4					4						1
25	1					1	5	2				7
24												
23		1				1	3			17		20
22	3	1				4	2			3		5
21	2	1		1		4	5			3		8
20	3	2				5	4	1				5
19	6	3				9	12	2		11		25
18 AND LESS	1,547	17	76	73		2,006	1,844	17	75	41		1,977
TOTAL	1,845	38	76	74		2,073	1,886	36	75	75		2,072
PORT EVERGLADES HARBOR, FLA.												
40		1		INBOUND		1			OUTBOUND			
39	1					1						
38	1	3				4	3	1				1
37	12	13	25			50	2	2	25			5
36	4	17			3	24	3	4				29
35	2	25			16	43	1	6				7
34	16	53			6	75	4	4				7
33	2	36			3	41	4	4				8
32	20	14			42	76	16	4				8
31	60	11			71	71	54	10			2	22
30	12	8			20	29	23	19				64
29	23	6			15	46	15	18			6	48
28	271	11			45	327	200	31			6	39
27	48	8			4	60	35	21			13	62
26	17	11			5	33	29	16			4	49
25	33	13			9	54	45	28	1	1	2	77
24	29	10	1		1	41	39	19				58
23	26	9				34	14	4				19
22	46	7	3		1	57	49	13	3		1	66
21	70	12	1		1	84	56	14	3			73
20	65	7	16			91	67	22	20			110
19	32	3	2		1	38	20	21	1			42
18 AND LESS	5,335	21	277	33	65	5,731	5,350	46	268	33	181	5,878
TOTAL	6,125	307	327	33	225	7,017	6,119	309	321	34	223	7,006
MIAMI HARBOR, FLA.												
30	190	24		INBOUND		219	215	11		OUTBOUND		
29	102	4			4	110	115	3		1		227
28	122	2				124	99	10			3	121
27	100	3				103	183	4				187
26	266	6				272	255	5				260
25	183	1				184	169	1				171
24	92	2				94	96	3		1		99
23	159	3				162	151	3				154
22	166	15				181	165	14				179
21	132	20				152	144	19				153
20	146		4			190	153	3	6			162
19	70	3				73	93	4				97
18 AND LESS	6,657	49	3,653	32	536	11,127	6,596	57	3,849	33	536	11,071
TOTAL	8,425	136	3,657	33	540	12,991	8,424	137	3,855	34	540	12,990
MIAMI RIVER, FLA.												
15	8	1		INBOUND		9	13			OUTBOUND		
14	14					14	124	1				125
13	22	1				23	108	1				109
12	262	3				265	271					271
11	240					240	120					120
10	70	3				73	64	6				70
9	52		2			57	38					41
8	41			3		41	42			3		42
7	97					1,759	102		1,661			1,763
6 AND LESS	4,630		1,662	3		6,473	4,554	1	1,662	5		6,402
TOTAL	5,436	8	3,504	6		8,954	5,436	9	3,503	8		8,956
INTRACASTAL WATERWAY, MIAMI TO KEY WEST, FLA.												
11				NORTHBOUND		435				SOUTHBOUND		
10					7	127					64	64
9	10		119			12			3			3
8			2			2			3	1		4
7			342			342	1		46			47
6			4	1		5			2	2		4
5	5					5						2
4	43		2			45						
3	32					32	644			1		645
2	8					8	3,125					3,125
1	3		1			4						4
TOTAL	102		470	1	821	1,394	3,770		58	6	64	3,898

EXCLUDES DOMESTIC FISH LANDINGS

EXCLUDES DOMESTIC FISH LANDINGS

HARBOR OR WATERWAY	DIRECTION				TOTAL	DIRECTION				
	SELF PROPELLED VESSELS		NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS		NON SELF PROPELLED VESSELS		
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER
BAKERS HAULOVER INLET, FLA. TOTAL, 4 AND LESS - - - - -	106			INBOUND		106			OUTBOUND	
EAU GALLIE HARBOR, FLA.			NO VESSEL TRIPS	REPORTED						
FERNANDINA HARBOR, FLORIDA TOTAL, 29 AND LESS - - - - -	21		145	INBOUND	145	26		133	OUTBOUND	28
FORT PIERCE HARBOR, FLA. TOTAL, 24 AND LESS - - - - -	121	3	21	INBOUND	20	117	3	22	OUTBOUND	16
KEY WEST HARBOR, FLA. TOTAL, 18 AND LESS - - - - -	1,462	2	67	INBOUND	65	1,464	3	67	OUTBOUND	65
MELBOURNE HARBOR, FLA.			NO VESSEL TRIPS	REPORTED						
NEW RIVER, FLA. TOTAL, 17 AND LESS - - - - -	108		1	INBOUND	1	109			OUTBOUND	10
OKLAHAMA RIVER, FLA. TOTAL, 2 AND LESS - - - - -	55,249			INBOUND		55,249			OUTBOUND	55,249
POYCE DE LEON INLET, FLA.			NO VESSEL TRIPS	REPORTED						
RICE CREEK, FLA. TOTAL, 9 AND LESS - - - - -			97	INBOUND	100			97	OUTBOUND	96
ST. AUGUSTINE HARBOR, FLA. TOTAL, 9 AND LESS - - - - -	1,052		6	INBOUND	1	1,052		4	OUTBOUND	1
ST. LUCIE INLET, FLA.			NO VESSEL TRIPS	REPORTED						

EXCLUDES DOMESTIC FISH LANDINGS

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY				DIRECTION			DIRECTION					
DRAFT (FEET)	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
ATLANTIC INTRACOASTAL WATERWAY (CONSOLIDATED REPORT) BETWEEN NORFOLK, VA., AND THE ST. JOHNS RIVER, FLA				NORTHBOUND				SOUTHBOUND				
20 - - - - -	-	-	-	-	-	-	3	-	-	-	3	
12 - - - - -	32	-	43	4	1	80	31	1	43	-	75	
11 - - - - -	4	-	23	15	70	112	4	-	29	9	42	
10 - - - - -	-	-	668	40	73	781	-	-	710	704	1,544	
9 - - - - -	1	-	155	73	355	544	3	-	277	1,079	1,469	
8 - - - - -	54	-	1,015	110	78	1,257	53	2	1,036	188	1,284	
7 - - - - -	103	-	575	31	4	713	102	-	564	208	935	
6 AND LESS - - - - -	2,141	2	403	2,191	400	5,137	2,143	-	322	424	3,562	
TOTAL - - - - -	2,335	2	2,882	2,464	981	6,664	2,339	3	2,981	2,603	6,919	

EXCLUDES DOMESTIC FISH LANDINGS

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